

## PRODUCT SPECIFICATION

Product NumberHPA005471Gene Descriptionproteasome (prosome, macropain) 26S subunit, ATPase, 4ClonalityPolyclonalIsotypeIgGHostRabbitAntigen SequenceRecombinant Protein Epitope Signature Tag (PrEST) antigen sequence: LTSDQKPDVMYADIGGMDIQKQEVREAVELPLTHFELYKQIGIDPPRGVL MYGPPGCGKTMLAKAVAHHTTAAFIRVVGSEFVQKYLGEGPRMVRDVFRL AKENAPAIIFIDEIDAIATKRFDAQTGADREVQRILLELPurification MethodAffinity purified using the PrEST antigen as affinity ligandVerified Species ReactivityHumanRecommended ApplicationsIHC (Immunohistochemistry) - Antibody dilution: 1:50 - 1:200 - Retrieval method: HIER pH6Characterization Data BufferAvailable at atlasantibodies.com/products/HPA005471Buffer40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.Concentration StorageStore at +4°C for short term storage. Long time storage is recommended at -20°C.		
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ClonalityPolyclonalIsotypeIgGHostRabbitAntigen SequenceRecombinant Protein Epitope Signature Tag (PrEST) antigen sequence: LTSDQKPDVMYADIGGMDIQKQEVREAVELPLTHFELYKQIGIDPPRGVL MYGPPGCGKTMLAKAVAHHTTAAFIRVVGSEFVQKYLGEGPRMVRDVFRL AKENAPAIIFIDEIDAIATKRFDAQTGADREVQRILLELPurification MethodAffinity purified using the PrEST antigen as affinity ligandVerified Species ReactivityHumanRecommended ApplicationsIHC (Immunohistochemistry) - Antibody dilution: 1:50 - 1:200 - Retrieval method: HIER pH6Characterization Data Store at +4°C for short term storage. Long time storage is recommended at -20°C.NotesGently mix before use. Optimal concentrations and conditions for each application should be determined by the user. For protocols, additional product information, such as images and references, see	Product Number	HPA005471
IsotypeIgGHostRabbitAntigen SequenceRecombinant Protein Epitope Signature Tag (PrEST) antigen sequence: LTSDQKPDVMYADIGGMDIQKQEVREAVELPLTHFELYKQIGIDPPRGVL MYGPPGCGKTMLAKAVAHHTTAAFIRVVGSEFVQKYLGEGPRMVRDVFRL AKENAPAIIFIDEIDAIATKRFDAQTGADREVQRILLELPurification MethodAffinity purified using the PrEST antigen as affinity ligandVerified Species ReactivityHumanRecommended ApplicationsIHC (Immunohistochemistry) - Antibody dilution: 1:50 - 1:200 - Retrieval method: HIER pH6Characterization DataAvailable at atlasantibodies.com/products/HPA005471Buffer40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.ConcentrationLot dependentStorageStore at +4°C for short term storage. Long time storage is recommended at -20°C.NotesGently mix before use. Optimal concentrations and conditions for each application should be determined by the user. For protocols, additional product information, such as images and references, see	Gene Description	proteasome (prosome, macropain) 26S subunit, ATPase, 4
HostRabbitAntigen SequenceRecombinant Protein Epitope Signature Tag (PrEST) antigen sequence: LTSDQKPDVMYADIGGMDIQKQEVREAVELPLTHFELYKQIGIDPPRGVL MYGPPGCGKTMLAKAVAHHTTAAFIRVVGSEFVQKYLGEGPRMVRDVFRL AKENAPAIIFIDEIDAIATKRFDAQTGADREVQRILLELPurification MethodAffinity purified using the PrEST antigen as affinity ligandVerified Species ReactivityHumanRecommended ApplicationsIHC (Immunohistochemistry) - Antibody dilution: 1:50 - 1:200 - Retrieval method: HIER pH6Characterization Data BufferAvailable at atlasantibodies.com/products/HPA005471Buffer40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.ConcentrationLot dependentStorageStore at +4°C for short term storage. Long time storage is recommended at -20°C.NotesGently mix before use. Optimal concentrations and conditions for each application should be determined by the user. For protocols, additional product information, such as images and references, see	Clonality	Polyclonal
Antigen SequenceRecombinant Protein Epitope Signature Tag (PrEST) antigen sequence: LTSDQKPDVMYADIGGMDIQKQEVREAVELPLTHFELYKQIGIDPPRGVL MYGPPGCGKTMLAKAVAHHTTAAFIRVVGSEFVQKYLGEGPRMVRDVFRL AKENAPAIIFIDEIDAIATKRFDAQTGADREVQRILLELPurification MethodAffinity purified using the PrEST antigen as affinity ligandVerified Species ReactivityHumanRecommended ApplicationsIHC (Immunohistochemistry) - Antibody dilution: 1:50 - 1:200 - Retrieval method: HIER pH6Characterization DataAvailable at atlasantibodies.com/products/HPA005471Buffer40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.ConcentrationLot dependentStorageStore at +4°C for short term storage. Long time storage is recommended at -20°C.NotesGently mix before use. Optimal concentrations and conditions for each application should be determined by the user. For protocols, additional product information, such as images and references, see	Isotype	lgG
LTSDQKPDVMYADIGGMDIQKQEVREAVELPLTHFELYKQIGIDPPRGVL MYGPPGCGKTMLAKAVAHHTTAAFIRVVGSEFVQKYLGEGPRMVRDVFRL AKENAPAIIFIDEIDAIATKRFDAQTGADREVQRILLELPurification MethodAffinity purified using the PrEST antigen as affinity ligandVerified Species ReactivityHumanRecommended ApplicationsIHC (Immunohistochemistry) - Antibody dilution: 1:50 - 1:200 - Retrieval method: HIER pH6Characterization Data BufferAvailable at atlasantibodies.com/products/HPA005471Buffer40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.Concentration StorageLot dependentStorageStore at +4°C for short term storage. Long time storage is recommended at -20°C.NotesGently mix before use. Optimal concentrations and conditions for each application should be determined by the user. For protocols, additional product information, such as images and references, see	Host	Rabbit
Verified Species ReactivityHumanRecommended ApplicationsIHC (Immunohistochemistry) - Antibody dilution: 1:50 - 1:200 - Retrieval method: HIER pH6Characterization Data BufferAvailable at atlasantibodies.com/products/HPA005471Buffer40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.ConcentrationLot dependentStorageStore at +4°C for short term storage. Long time storage is recommended at -20°C.NotesGently mix before use. Optimal concentrations and conditions for each application should be determined by the user. For protocols, additional product information, such as images and references, see	Antigen Sequence	LTSDQKPDVMYADIGGMDIQKQEVREAVELPLTHFELYKQIGIDPPRGVL MYGPPGCGKTMLAKAVAHHTTAAFIRVVGSEFVQKYLGEGPRMVRDVFRL
ReactivityIHC (Immunohistochemistry) - Antibody dilution: 1:50 - 1:200 - Retrieval method: HIER pH6Characterization DataAvailable at atlasantibodies.com/products/HPA005471Buffer40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.ConcentrationLot dependentStorageStore at +4°C for short term storage. Long time storage is recommended at -20°C.NotesGently mix before use. Optimal concentrations and conditions for each application should be determined by the user. 	Purification Method	Affinity purified using the PrEST antigen as affinity ligand
Applications- Antibody dilution: 1:50 - 1:200 - Retrieval method: HIER pH6Characterization DataAvailable at atlasantibodies.com/products/HPA005471Buffer40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.ConcentrationLot dependentStorageStore at +4°C for short term storage. Long time storage is recommended at -20°C.NotesGently mix before use. Optimal concentrations and conditions for each application should be determined by the user. For protocols, additional product information, such as images and references, see		Human
Buffer40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.ConcentrationLot dependentStorageStore at +4°C for short term storage. Long time storage is recommended at -20°C.NotesGently mix before use. Optimal concentrations and conditions for each application should be determined by the user. For protocols, additional product information, such as images and references, see		- Antibody dilution: 1:50 - 1:200
Concentration Lot dependent   Storage Store at +4°C for short term storage. Long time storage is recommended at -20°C.   Notes Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user. For protocols, additional product information, such as images and references, see	Characterization Data	Available at atlasantibodies.com/products/HPA005471
Storage Store at +4°C for short term storage. Long time storage is recommended at -20°C.   Notes Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.   For protocols, additional product information, such as images and references, see	Buffer	40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.
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be determined by the user. For protocols, additional product information, such as images and references, see	Storage	Store at +4°C for short term storage. Long time storage is recommended at -20°C.
	Notes	For protocols, additional product information, such as images and references, see

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