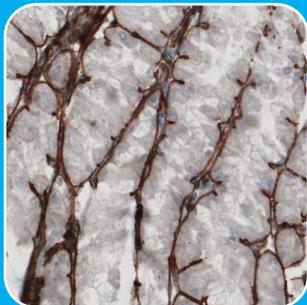


ATLAS ANTIBODIES

Atlas Antibodies manufactures and commercializes **Triple A Polyclonals™** (Atlas Antibodies Advanced Polyclonals), the research-grade rabbit polyclonal antibodies used within the Human Protein Atlas project (HPA).

The HPA website offers free access to over 500 IHC staining images of all major human organs and cancer types for each antibody.

Triple A Polyclonals are carefully designed and manufactured to achieve the highest level of specificity, reproducibility, and versatility. They are validated for tissue and cell analysis in IHC, WB, and ICC-IF.



DISCOVER MORE

All the data generated by the Human Protein Atlas is open access to allow scientists from academia and industry to freely explore the human proteome.

THE HUMAN PROTEIN ATLAS

contact@proteinatlas.org
proteinatlas.org

ATLAS ANTIBODIES

contact@atlasantibodies.com
atlasantibodies.com

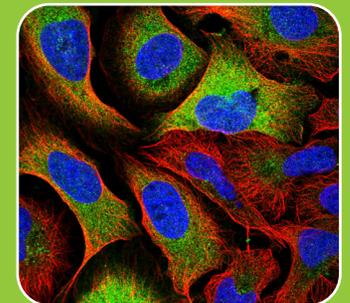


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THE HUMAN PROTEIN ATLAS

MAPPING THE HUMAN PROTEOME

The Human Protein Atlas (HPA) is a Swedish-based program initiated in 2003 with the aim to map all the human proteins in cells, tissues, and organs using an integration of various omics technologies, including antibody-based imaging, mass spectrometry-based proteomics, transcriptomics, and systems biology.



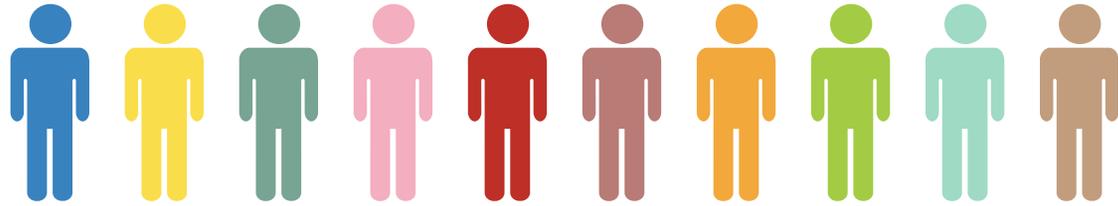
10 WAYS TO EXPLORE THE HUMAN PROTEOME

The Human Protein Atlas consists of **10 sections** each focusing on a particular aspect of the genome-wide analysis of the human proteins.

The proteome analysis is based on **27173** antibodies targeting **17268** unique proteins.

The Swedish-based HPA program initiated in 2003 is headed by Professor Mathias Uhlén and supported by the Knut and Alice Wallenberg foundation.

The HPA project has already contributed to several thousands of publications on human biology and diseases. Moreover, it has been selected by the organization ELIXIR (www.elixir-europe.org) as a European core resource due to its fundamental importance to the life science community worldwide.



1. TISSUE

The Tissue section shows the distribution of the proteins across all primary tissues and organs in the human body.

2. BRAIN

The Brain section explores the distribution of proteins in various mammalian brain regions.

3. SINGLE-CELL TYPE

The Single Cell Type section shows the expression of protein-coding genes in single human cell types based on scRNA-seq.

4. PATHOLOGY

The Pathology section shows the impact of protein levels on the survival of patients with cancer.

5. BLOOD PROTEIN

The Blood Protein section describes the proteins detected in the blood and proteins secreted by human tissues.

6. TISSUE CELL TYPE

The Tissue Cell Type section shows the expression of protein-coding genes in human cell types based on bulk RNA-seq data.

7. IMMUNE CELL

The Immune Cell section shows the expression of protein-coding genes in immune cell types.

8. SUBCELLULAR

The Subcellular section shows the subcellular localization of proteins in single cells.

9. CELL LINE

The Cell Line section shows the expression of protein-coding genes in human cell lines.

10. METABOLIC

The Metabolic section explores the expression of protein-coding genes in the context of the human metabolic network.