

Resource Summary Report

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The Human Protein Atlas

RRID:SCR_006710

Type: Tool

Proper Citation

The Human Protein Atlas (RRID:SCR_006710)

Resource Information

URL: <http://www.proteinatlas.org/>

Proper Citation: The Human Protein Atlas (RRID:SCR_006710)

Description: Open access resource for human proteins. Used to search for specific genes or proteins or explore different resources, each focusing on particular aspect of the genome-wide analysis of the human proteins: Tissue, Brain, Single Cell, Subcellular, Cancer, Blood, Cell line, Structure and Interaction. Swedish-based program to map all human proteins in cells, tissues, and organs using integration of various omics technologies, including antibody-based imaging, mass spectrometry-based proteomics, transcriptomics, and systems biology. All the data in the knowledge resource is open access to allow scientists both in academia and industry to freely access the data for exploration of the human proteome.

Abbreviations: HPA

Synonyms: HPA antibody, Human Protein Atlas

Resource Type: data or information resource, knowledge base

Defining Citation: [PMID:21139605](#), [PMID:16127175](#), [PMID:18669619](#), [PMID:18853439](#)

Keywords: human proteins, human proteome exploration, genome-wide analysis of human proteins, Tissue, Brain, Single Cell, Subcellular, Cancer, Blood, Cell line, Structure and Interaction, bio.tools, FASEB list

Related Condition: Cancer, Tumor, Breast cancer, Colorectal cancer, Lung cancer, Prostate cancer, Normal

Funding: Knut and Alice Wallenberg Foundation

Availability: Public, Free, For informational purposes, Non-commercial, Acknowledgement required

Resource Name: The Human Protein Atlas

Resource ID: SCR_006710

Alternate IDs: nif-0000-00204, biotools:proteinatlas

Alternate URLs: <https://bio.tools/proteinatlas>

Record Creation Time: 20220129T080237+0000

Record Last Update: 20260912T195644+0000

Ratings and Alerts

No rating or validation information has been found for The Human Protein Atlas.

No alerts have been found for The Human Protein Atlas.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9312 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Lawal B, et al. (2026) IMIREG: a lineage-resolved regulon signature unveiling immune engagement archetypes and predicting immunotherapy response across diverse cancers. NPJ precision oncology, 10(1).

Ding C, et al. (2026) Glioblastoma-Secreted C1QL1 Orchestrates Tumor Microtube Expansion and Neural Synaptic Pruning to Drive Malignant Synapse Formation and Recurrence. Cancer discovery, 16(6), 1176.

Wang J, et al. (2026) EBV infection and HLA-DR15 jointly drive multiple sclerosis by myelin peptide presentation. Cell.

Kim DH, et al. (2026) Tumor Exosomal L1 Cell Adhesion Molecule Promotes Brain Metastasis of Lung Cancer. Research (Washington, D.C.), 9, 1126.

Su Q, et al. (2026) Integrated bulk RNA-seq and scRNA-seq identification of a novel "PET-SPI1-MYL9" transcriptional axis in lung adenocarcinoma driven by polyethylene terephthalate exposure. Translational cancer research, 15(3), 173.

Surmann H, et al. (2026) Prognostic influence of small leucine-rich proteoglycans on serous ovarian cancer. Journal of cancer research and clinical oncology, 152(6).

Zhang Y, et al. (2026) Stem cell control in the lung by an autocrine injury-activated Igf complex. Science (New York, N.Y.), 392(6795), eadt1310.

Han Y, et al. (2026) RASSF2 promoter hypermethylation determines malignant and microenvironmental features in lung cancer. *Genes and immunity*.

Maeda J, et al. (2026) RNA sequence analysis of differentially expressed genes in left atrial appendage thrombus. *Journal of thrombosis and thrombolysis*, 59(2), 437.

Kawles A, et al. (2026) Anatomical Progression of Neuropathology in FTL-D-TDP Type C and Linkage to Annexin A11. *Annals of neurology*, 99(3), 639.

Ahmad S, et al. (2026) Identification of non-oncology drugs with activity against inflammatory and triple-negative breast cancer cell lines. *Oncology letters*, 31(2), 75.

Chen Y, et al. (2026) A non-invasive urinary diagnostic signature for diabetic kidney disease revealed by machine learning and single-cell analysis. *PloS one*, 21(1), e0340096.

Gao M, et al. (2026) IRF4 Enhances Radiosensitivity of Cervical Cancer by Inhibiting the PI3K/Akt/mTOR Pathway to Regulate Autophagy. *Cancer science*, 117(4), 958.

Cai J, et al. (2026) Polarity protein Par3 deficiency promotes metastasis of bladder cancer via interaction of Ppp1r12c. *Biology direct*, 21(1), 22.

Peng S, et al. (2026) Discovery of circadian rhythm-related hub genes in acute myocardial infarction: A two-sample Mendelian randomization study. *Medicine*, 105(3), e47228.

Tugui CG, et al. (2026) Wastewater metaproteomics: tracking microbial and human protein biomarkers. *ISME communications*, 6(1), ycaf243.

Nault B, et al. (2026) Prospective Breast Cancer Biomarkers Identified Using miR-526b-Driven Metabolic Alterations. *Cancer informatics*, 25, 11769351251408670.

Zhang Y, et al. (2026) Comprehensive analysis and experimental verification of the role of mitochondrial dynamics-related genes in liver hepatocellular carcinoma. *Genes & diseases*, 13(3), 101872.

Wang L, et al. (2026) The emerging role of SPHK1 at the immune-metabolic interface: a pan-cancer integrative analysis. *Scientific reports*, 16(1), 5528.

Pandi A, et al. (2026) High expression of TRMT112 is associated with the development of oral squamous cell carcinoma. *Journal of oral biology and craniofacial research*, 16(1), 273.