Resource Summary Report

Generated by NIF on May 24, 2025

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: knowledge base, data or information resource

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: 20250524T060138+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 6442 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Gence L, et al. (2025) Gene expression patterns of the LDL receptor and its inhibitor Pcsk9 in the adult zebrafish brain suggest a possible role in neurogenesis. The European journal of neuroscience, 61(1), e16586.

Li H, et al. (2025) Integrated multi-omics demonstrates enhanced antitumor efficacy of donafenib combined with FADS2 inhibition in hepatocellular carcinoma. Translational oncology, 51, 102142.

Stockley JH, et al. (2025) Oligodendrocyte Slc48a1 (Hrg1) encodes a functional heme transporter required for myelin integrity. Glia, 73(2), 399.

Matsumoto M, et al. (2025) Missense mutations of the ephrin receptor EPHA1 associated with Alzheimer's disease disrupt receptor signaling functions. The Journal of biological chemistry, 301(2), 108099.

Yuan M, et al. (2025) The Human Pathology Atlas for deciphering the prognostic features of human cancers. EBioMedicine, 111, 105495.

Pang J, et al. (2025) Multiomics analysis reveals the involvement of NET1 in tumour immune regulation and malignant progression. Scientific reports, 15(1), 56.

Zhou Z, et al. (2025) Analysis of mRNA Pentatricopeptide Repeat Domain 1 as a prospective oncogene in clear cell renal cell carcinoma that accelerates tumor cells proliferation and invasion via the Akt/GSK3?/?-catenin pathway. Discover oncology, 16(1), 22.

Tang C, et al. (2025) GPR137-RAB8A activation promotes ovarian cancer development via the Hedgehog pathway. Journal of experimental & clinical cancer research : CR, 44(1), 22.

Izaguirre G, et al. (2025) Dysregulation of FURIN and Other Proprotein Convertase Genes in the Progression from HPV Infection to Cancer. International journal of molecular sciences, 26(2).

Niazi SK, et al. (2025) Affordable mRNA Novel Proteins, Recombinant Protein Conversions, and Biosimilars-Advice to Developers and Regulatory Agencies. Biomedicines, 13(1).

Momeny M, et al. (2025) SSTR2-Targeted Theranostics in Hepatocellular Carcinoma. Cancers, 17(2).

Suman S, et al. (2025) Integrative Analysis of Radiation-Induced Senescence-Associated Secretory Phenotype Factors in Kidney Cancer Progression. Genes, 16(1).

Chagoyen M, et al. (2025) Disentangling protein metabolic costs in human cells and tissues. PNAS nexus, 4(1), pgaf008.

Subramanian DN, et al. (2025) Assessment of candidate high-grade serous ovarian carcinoma predisposition genes through integrated germline and tumour sequencing. NPJ genomic medicine, 10(1), 1.

S DSN, et al. (2025) Gene expression analysis reveals mir-29 as a linker regulatory molecule among rheumatoid arthritis, inflammatory bowel disease, and dementia: Insights from systems biology approach. PloS one, 20(1), e0316584.

Wu L, et al. (2025) Comprehensive investigation of matrix metalloproteinases in skin cutaneous melanoma: diagnostic, prognostic, and therapeutic insights. Scientific reports, 15(1), 2152.

Parag RR, et al. (2025) Novel Isoforms of Adhesion G Protein-Coupled Receptor B1 (ADGRB1/BAI1) Generated from an Alternative Promoter in Intron 17. Molecular neurobiology, 62(1), 900.

Shi J, et al. (2025) RPL36A activates ERK pathway and promotes colorectal cancer growth. Translational oncology, 51, 102170.

Yuan F, et al. (2025) USP14 inhibition by degrasyn induces YAP1 degradation and suppresses the progression of radioresistant esophageal cancer. Neoplasia (New York, N.Y.), 60, 101101.

Wang C, et al. (2025) The Oncogenic Role of TNFRSF12A in Colorectal Cancer and Pan-Cancer Bioinformatics Analysis. Cancer research and treatment, 57(1), 212.