

Product Datasheet

PURL Antibody - BSA Free NBP1-84691

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-84691

PURL Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

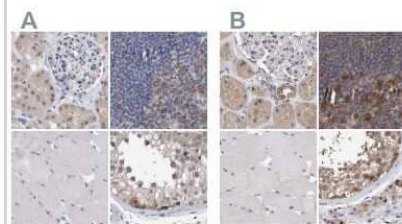
Host	Rabbit
Gene ID	5198
Gene Symbol	PFAS
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ALERVLR LPAVASKRYLTNKVDRSVGGLVAQQQCVGPLQTPLADVAVVALSHE ELIGAATALGEQPVKSLLDPKVAARLAVAEALTNLVFALVTDLRDVKCSG

Product Application Details

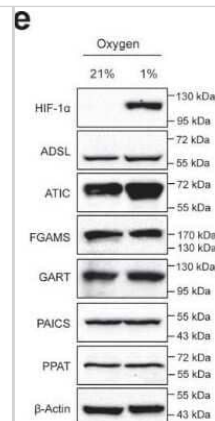
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20-1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

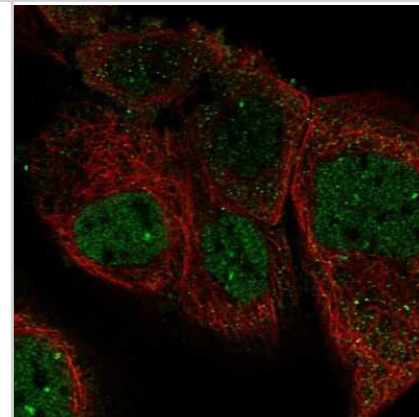
Immunohistochemistry-Paraffin: PURL Antibody [NBP1-84691] - Staining of human kidney, lymph node, skeletal muscle and testis using Anti-PFAS antibody NBP1-84691 (A) shows similar protein distribution across tissues to independent antibody NBP1-84692 (B).



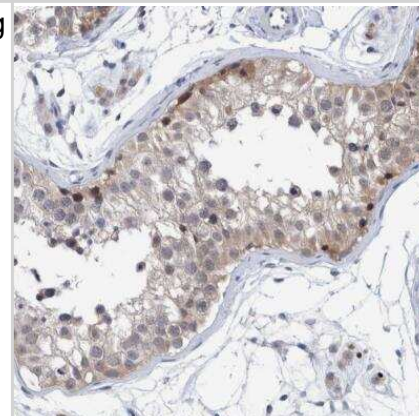
Western Blot: PURL Antibody [NBP1-84691] - Blot showing the effect of hypoxia on the protein expression levels of the purine biosynthetic enzymes. HIF-1 alpha is stabilized in hypoxia as expected, and no significant increase in the purine enzymes was detected between normoxic (21% oxygen) and hypoxic (1% oxygen) growth conditions. The positions of molecular markers surrounding each band of interest are shown for each blot. ADSL (NBP2-03107), ATIC (NBP2-01941), FGAMS (NBP1-84691), GART (H00002618-M01), HIF-1a (NB100-449), PAICS (NBP2-02817), PPAT (NBP2-02056). Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/32439803/>) licensed under a CC-BY license.



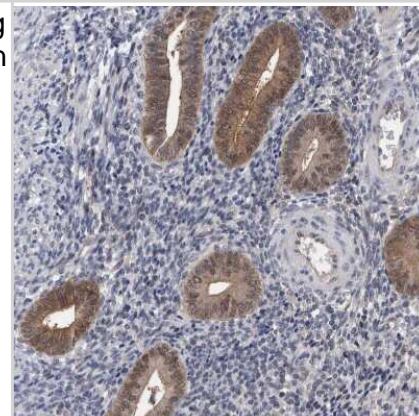
Immunocytochemistry/Immunofluorescence: PURL Antibody [NBP1-84691] - Staining of human cell line A-431 shows localization to nucleoplasm. Antibody staining is shown in green. Antibody staining is shown in green.



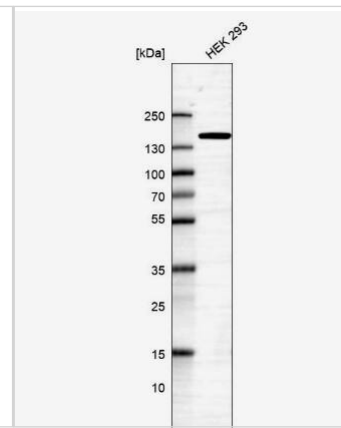
Immunohistochemistry-Paraffin: PURL Antibody [NBP1-84691] - Staining of human testis shows weak to moderate nuclear positivity in a subset of cells in seminiferous ducts.



Immunohistochemistry-Paraffin: PURL Antibody [NBP1-84691] - Staining of human endometrium shows weak to moderate cytoplasmic positivity in glandular cells.



Western Blot: PURL Antibody [NBP1-84691] -Analysis in human cell line HEK 293.



Publications

Chou MC, Wang YH, Chen FY et al. PAICS ubiquitination recruits UBAP2 to trigger phase separation for purinosome assembly Molecular cell 2023-10-10 [PMID: 37848033] (ICC/IF, Human)

Doigneaux C, Pedley AM, Mistry IN et al. Hypoxia Drives the Assembly of the Multi-Enzyme Purinosome Complex J. Biol. Chem. 2020-05-21 [PMID: 32439803] (ICC/IF, Human)





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Products Related to NBP1-84691

NBP1-84691PEP	PURL Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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