

UCHL1 Antibody | anti-PGP9.5/UCHL1 antibody

UCHL1, Monoclonal, Mouse

CATALOG # AAA76407	REACTIVITY Bovine, Human, Rat	APPLICATIONS Western Blot, Immunofluorescence
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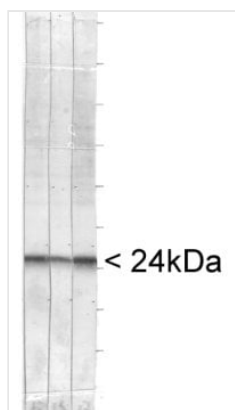
PRODUCT SYNONYMS

UCHL1; Monoclonal; Mouse; anti-PGP9.5/UCHL1 antibody

PRODUCT SPECIFICATIONS

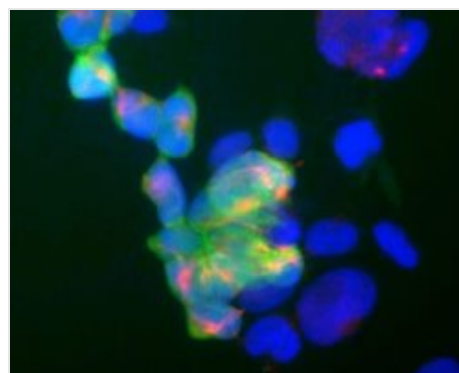
Reactivity	Bovine, Human, Rat
Form/Format	Ascites Fluid - Liquid
Sequence Length	223
Applicable Applications for anti-PGP9.5/UCHL1 antibody	WB (Western Blot), IF (Immunofluorescence)
Type Info	Mouse IgG
Immunogen	Recombinant full length human UCHL1 purified from E Coli.

IMAGES



Application Data

Image: Blots of whole cell homogenate of bovine brain stained with mouse monoclonal UHCL1s. Right most lane is stained with MO25040



Application Data

Image: UCHL1 staining of human embryonic kidney cell line 293 (green) and rabbit antibody to neurofilament NF-M, (red). Blue is a DNA stain. Note that some of the Hek293 cells which have some properties of neuronal lineage cells, are beginning to express both UCHL1 and NF-M, both markers of neurons. The majority of cells, however express neither protein. Note that the UCHL1 is cytoplasmic and diffuse while the NF-M is concentrated in cytoplasmic filaments.

ADDITIONAL INFORMATION

Related Product Information for anti-PGP9.5/UCHL1 antibody	Ubiquitin C-terminal hydrolase 1 (UCHL1) has several other names, such as ubiquitin carboxyl esterase L1, ubiquitin thiolesterase, neuron-specific protein PGP9.5 and Park5. The protein is extremely abundant, and was estimated to be present at a concentration of 200-500 micrograms/g wet weight, representing a major protein component of neuronal cytoplasm (1). This has been claimed to represent 1-2% of total brain protein.
Product Categories/Family for anti-PGP9.5/UCHL1 antibody	PGP9.5/UCHL1

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361091
NCBI GeneID	7345
NCBI Accession #	NP_004172.2
NCBI GenBank Nucleotide #	NM_004181.4
Molecular Weight	24,824 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase isozyme L1
NCBI Official Synonym Full Names	ubiquitin C-terminal hydrolase L1
NCBI Official Symbol	UCHL1
NCBI Official Synonym Symbols	NDGOA; PARK5; PGP95; PGP9.5; Uch-L1; HEL-117; PGP 9.5; HEL-S-53
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase isozyme L1
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase isozyme L1
UniProt Gene Name	UCHL1
UniProt Synonym Gene Names	UCH-L1; PGP9.5
UniProt Entry Name	UCHL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pgp9-5-uchl1-bovine-human-ovine-rat-antibody/uchl1/76407>