

Rabbit PGP9.5 Polyclonal Antibody | anti-PGP9.5 antibody

PGP9.5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305797	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

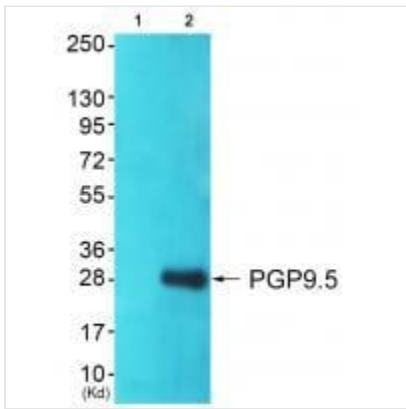
PRODUCT SYNONYMS

PGP9.5; Polyclonal Antibody; PGP9.5 Antibody; UCH-L1; neuron cytoplasmic protein 9.5; ubiquitin carboxyl-terminal hydrolase isozyme L1; ubiquitin thiolesterase L1; anti-PGP9.5 antibody

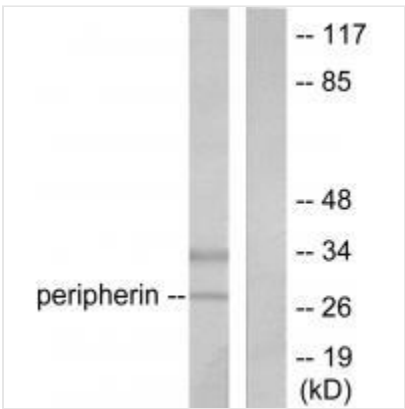
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PGP9.5 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	223
Applicable Applications for anti-PGP9.5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human PGP9.
Target Name	PGP9.5
Preparation and Storage	Store at -20 degree C

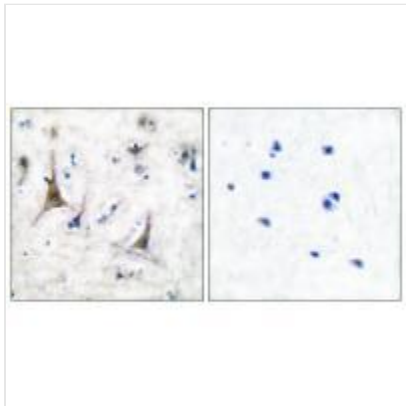
IMAGES



WB (Western Blot)
Western blot analysis of extracts from 293 cells (Lane 2), using PGP9.5 antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from 293 cells, using PGP9.5 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using PGP9.5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PGP9.5 antibody	Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins. This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have ATP-independent ubiquitin ligase activity.Diana L. Mandelker, Cancer Res., Jun 2005; 65: 4963 - 4968. Taiji Yamazaki, Clin. Cancer Res., Jan 2002; 8: 192. Ekmel Tezel, Clin. Cancer Res., Dec 2000; 6: 4764. Kenji Hibi, Am. J. Pathol., Sep 1999; 155: 711.
Product Categories/Family for anti-PGP9.5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361091
NCBI GeneID	7345
NCBI Accession #	NP_004172.2
NCBI GenBank Nucleotide #	NM_004181.4
UniProt Accession #	P09936; Q4W5K6; Q71UM0
Molecular Weight	24,824 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase isozyme L1

NCBI Official Synonym Full Names	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
NCBI Official Symbol	UCHL1
NCBI Official Synonym Symbols	NDGOA; PARK5; PGP95; PGP9.5; Uch-L1; HEL-117; PGP 9.5
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/polyclonal/pgp95-antibody-immunohistochemistry-western-blot-elisa/305797>