

Product datasheet for **AP21292PU-N**

PGP9.5 (UCHL1) (211-221) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Peptide ELISA: 1/1000 (Detection Limit). Western blot: 0.01-0.03 µg/ml. This antibody detects a band of ~26kDa in Human Brain (Hippocampus) and Mouse and Rat Brain lysates. Enzyme immunoassay: This antibody was reported to work in sandwich-type ELISA both as a capturer and as a reporter in combination with AP21291PU-N.
Reactivity:	Bovine, Canine, Human, Porcine, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence (aa 211-221) from the C-Terminus of the protein sequence according to NP_004172.2.
Specificity:	Recognizes UCHL1 (aa 211-221).
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified IgG fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ubiquitin C-terminal hydrolase L1
Database Link:	Entrez Gene 7345 Human P09936



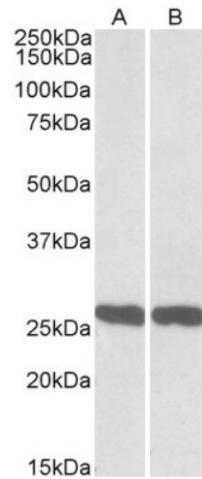
[View online »](#)

Background: Protein gene product 9.5 (PGP9.5) is a member of a gene family whose products hydrolyze small C-terminal adducts of ubiquitin to generate the ubiquitin monomer. Expression of PGP9.5 is highly specific to neurons and to cells of the diffuse neuroendocrine system and their tumors. It is present in all neurons.

Synonyms: UCH-L1, PGP 9.5, Ubiquitin thioesterase L1, Neuron cytoplasmic protein 9.5

Note: **Calculated Molecular Weight:** 24.8kDa (Human NP_004172.2, Mouse NP_035800.2 and Rat NP_058933.2)

Product images:



UCHL1 antibody staining of Mouse (A) and Rat (B) Brain lysate at 0.01 ug/ml (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.