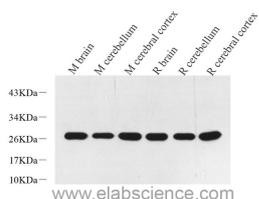


## PGP 9.5 Polyclonal Antibody

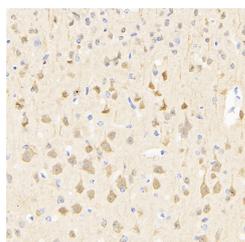
<b>Catalog No.</b>	E-AB-70268	<b>Reactivity</b>	M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

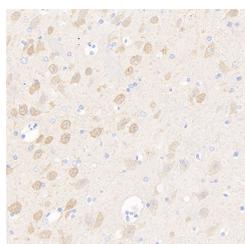
### Images



Western Blot analysis of various samples using PGP 9.5 Polyclonal Antibody at dilution of 1:600.



Immunohistochemistry analysis of paraffin-embedded mouse brain using PGP 9.5 Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded rat brain using PGP 9.5 Polyclonal Antibody at dilution of 1:500.

### Immunogen Information

<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Mouse PGP9.5
<b>Swissprot</b>	P09936,Q9R0P9,Q00981
<b>Synonyms</b>	UCHL1, HEL-117, NDGOA, PARK5, PGP 9.5, PGP9.5, PGP95, Uch-L1, HEL-S-53, SPG79

### Product Information

<b>Calculated MW</b>	27kDa
<b>Observed MW</b>	27kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000, IHC 1:300-1:800

### Background

UCHL1(Ubiquitin carboxyl-terminal hydrolase isozyme L1) is a member of a gene family whose products hydrolyze small C-terminal adducts of ubiquitin to generate the ubiquitin monomer. Expression of UCHL1 is highly specific to neurons and to cells of the diffuse neuroendocrine system and their tumors. It is present in all neurons. This protein is present in brain at concentrations at least 50 times greater than in other organs and is a major protein component of neuronal cytoplasm . And UCHL1 is a Parkinson's disease susceptibility gene .

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.