

## PGP9.5 Rabbit mAb (AR1098)

### Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	25kD (Calculated) 25kD (Observed)

### Recommended Dilution Ratios

IHC	1:100-400
WB:	1:1000-5000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

### Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

### Basic Information

Clonality	Monoclonal
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### Immunogen Information

Specificity	Endogenous
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### Target Information

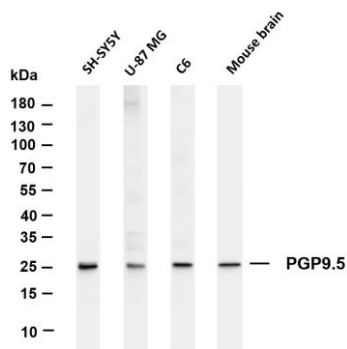
Gene name	UCHL1
Protein Name	Ubiquitin carboxyl-terminal hydrolase isozyme L1 (UCH-L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) (Ubiquitin thioesterase L1)

Organism	Gene ID	UniProt ID
Human	7345	P09936

Cellular Localization	Cytoplasm
Tissue specificity	Found in neuronal cell bodies and processes throughout the neocortex (at protein level). Expressed in neurons and cells of the diffuse neuroendocrine system and their tumors. Weakly expressed

in ovary. Down-regulated in brains from Parkinson disease and Alzheimer disease patients.

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-PGP9.5 antibody. The HRP conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: SH-SY5Y

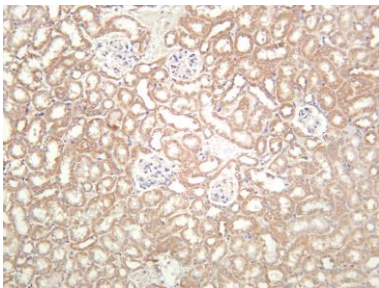
Lane 2: U-87 MG

Lane 3: C6

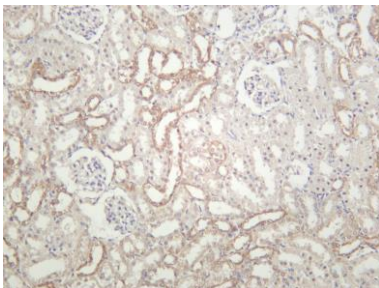
Lane 4: Mouse brain

Predicted band size: 25kDa

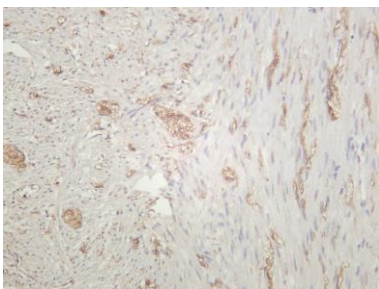
Observed band size: 25kDa



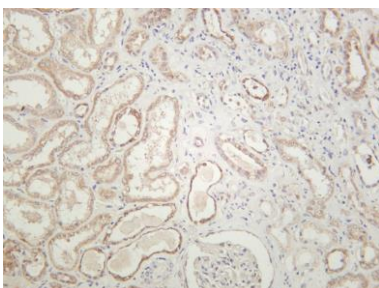
Mouse kidney was stained with anti-PGP9.5 rabbit antibody



Rat kidney was stained with anti-PGP9.5 rabbit antibody



Human appendix was stained with anti-PGP9.5 rabbit antibody



Human kidney was stained with anti-PGP9.5 rabbit antibody