

## ARG53508 anti-Protein Gene Protein 9.5 (PGP9.5) antibody (Ready-to-Use)

Package: 7 ml  
Store at: 4°C

### Summary

Product Description	Prediluted Rabbit Polyclonal antibody recognizes Protein Gene Protein 9.5 (PGP9.5)
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Protein Gene Protein 9.5
Antigen Species	Human
Immunogen	Recombinant full length human protein gene product 9.5 protein.
Conjugation	Un-conjugated
Full Name	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
Alternate Names	PGP95; UCH-L1; PGP9.5; PARK5; Ubiquitin thioesterase L1; HEL-117; Neuron cytoplasmic protein 9.5; Uch-L1; EC 6.-.-.-; PGP 9.5; Ubiquitin carboxyl-terminal hydrolase isozyme L1; NDGOA; EC 3.4.19.12

### Application Instructions

Application table	Application	Dilution
	IHC-P	Ready-to-Use
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. Incubation Time: 10 min at RT. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Pancreas, Small Intestine	
Calculated Mw	27 kDa	

### Properties

Form	Liquid
Purification	Immunogen affinity purified
Buffer	TBS (pH 7.6), 1% BSA and < 0.1% Sodium azide
Preservative	< 0.1% Sodium azide
Stabilizer	1% BSA
Concentration	Ready to use

**Storage instruction** Aliquot and store at 2-8°C. Do not freeze. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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**Database links** [GeneID: 7345 Human](#)

[Swiss-port # P09936 Human](#)

**Gene Symbol** UCHL1

**Background** The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease.[provided by RefSeq, Sep 2009]

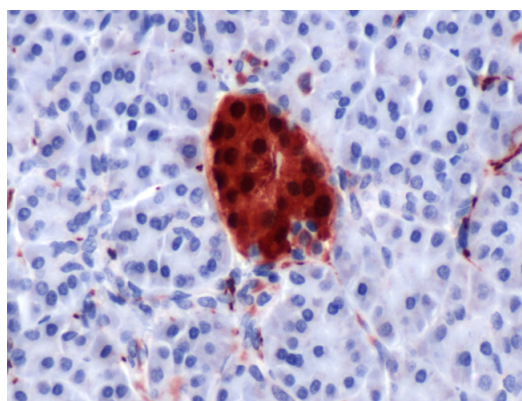
**Function** Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins. This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have ATP-independent ubiquitin ligase activity. [UniProt]

**Resarch Area** Cell Biology and Cellular Response antibody; Gene Regulation antibody; Neuroscience antibody

**Cellular Localization** Cytoplasm, Nucleus

## Images

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ARG53508 anti-Protein Gene Protein 9.5 (PGP9.5) antibody (Ready-to-Use) IHC-P image

Immunohistochemistry: Human Pancreas stained with ARG53508 anti-PGP9.5 antibody (ready-to-use)