

Rabbit anti-Human, Mouse Pepsin A Polyclonal Antibody | anti-PGA4 antibody

Pepsin A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327540	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

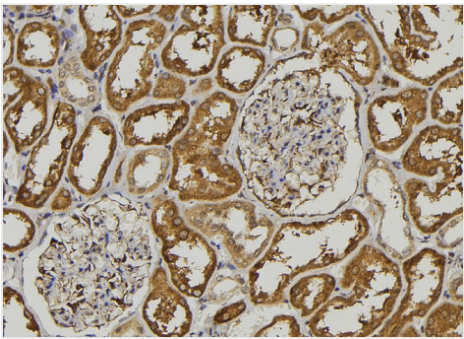
PRODUCT SYNONYMS

Pepsin A; Polyclonal Antibody; Pepsin A Antibody; Pepsin A 4; pepsin A; pepsinogen 3; pepsinogen 4; group I (pepsinogen A); pepsinogen A4; PGA3; PGA5; anti-PGA4 antibody

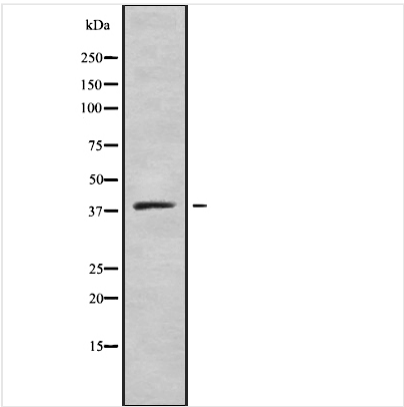
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Pepsin A antibody detects endogenous levels of total Pepsin A
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	388
Applicable Applications for anti-PGA4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Pepsin A
Subcellular Location	Secreted
Predicted Cross Reactivity	Xenopus
Similarity	Xenopus (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327540 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of Pepsin A using COLO205 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-PGA4 antibody	Function: Shows particularly broad specificity; although bonds involving phenylalanine and leucine are preferred, many others are also cleaved to some extent. Similarity: Belongs to the peptidase A1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119372302
NCBI GeneID	643847
NCBI Accession #	NP_001073276.1
NCBI GenBank Nucleotide #	NM_001079808.3
UniProt Accession #	P0DJD7; P00790; Q7M4R0; Q8N1E3; A8K749; B7ZW75
Molecular Weight	Observed: 41 kDa Predicted: 42 kDa
NCBI Official Full Name	pepsin A-4 preproprotein
NCBI Official Synonym Full Names	pepsinogen 4, group I (pepsinogen A)
NCBI Official Symbol	PGA4
NCBI Protein Information	pepsin A-4
UniProt Protein Name	Pepsin A-4
UniProt Gene Name	PGA4

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.