

Rabbit PGA4 Polyclonal Antibody | anti-PGA4 antibody

PGA4 Antibody (C-term)

CATALOG # AAA287412	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Rabbit)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

PGA4; Polyclonal Antibody; PGA4 Antibody (C-term); Pepsin A-4; Pepsinogen-4; anti-PGA4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rabbit)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PGA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 353-381 amino acids from the C-terminal region of human PGA4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	353-381
Sequence Length	388
Applicable Applications for anti-PGA4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

PGA4 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PGA4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

PGA4 Antibody (C-term) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the PGA4 antibody detected the PGA4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PGA4 antibody	PGA4 shows particularly broad specificity; although bonds involving phenylalanine and leucine are preferred, many others are also cleaved to some extent.
Product Categories/Family for anti-PGA4 antibody	Cell Biology ; Metabolism ; Signal transduction
References	Fujinaga, M., et al. Protein Sci. 4(5):960-972(1995) Athauda, S.B., et al. J. Biochem. 106(5):920-927(1989) Evers, M.P., et al. Genomics 4(3):232-239(1989) Foltmann, B. FEBS Lett. 241 (1-2), 69-72 (1988) : Ichiهارa, Y., et al. J. Biochem. 98(2):483-492(1985)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119372302
NCBI GeneID	643847
NCBI Accession #	NP_001073276.1
NCBI GenBank Nucleotide #	NM_001079808.2
UniProt Accession #	P0DJD7 ; P00790 ; Q7M4R0 ; Q8N1E3 ; A8K749 ; B7ZW75
Molecular Weight	41977
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
UniProt Entry Name	PEPA4_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pga4-antibody-immunohistochemistry-western-blot-elisa/287412>