

Rabbit anti-Human PGA3 Polyclonal Antibody | anti-PGA3 antibody

PGA3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303180	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

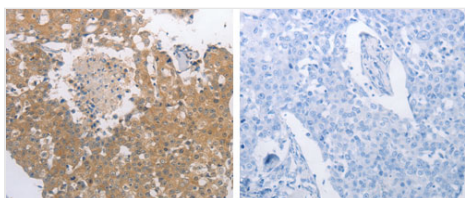
PRODUCT SYNONYMS

PGA3; Polyclonal Antibody; PGA3 Antibody; Pepsinogen 3; group I (pepsinogen A); PGA4; PGA5; anti-PGA3 antibody

PRODUCT SPECIFICATIONS

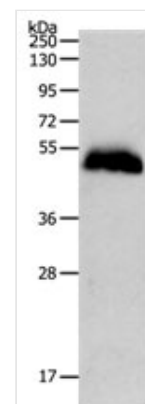
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PGA3 protein.
Form/Format	Supplied at 1.4mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	388
Applicable Applications for anti-PGA3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 112-125 amino acids of Human pepsinogen 3, group I (pepsinogen A)
Target Name	PGA3
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded human breast cancer tissue using 31260 (PGA3 Antibody) at dilution 1/40, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE Lysate: 60 ug Human liver cancer tissue lysate Primary antibody: 1/700 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-PGA3 antibody	The genes coding for human pepsinogen (PGA3, PGA4, and PGA5) were assigned to chromosome region 11q13 by in situ hybridization. Previously we localized the PGA gene complex to a centromeric region of chromosome 11 (p11----q13) by Southern blot analysis of mouse-human somatic cell hybrids. 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-PGA3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	119372298
NCBI GeneID	643834
NCBI Accession #	NP_001073275
NCBI GenBank Nucleotide #	NM_001079807.3
Molecular Weight	41,976 Da
NCBI Official Full Name	pepsin A-3 preproprotein
NCBI Official Synonym Full Names	pepsinogen 3, group I (pepsinogen A)
NCBI Official Symbol	PGA3
NCBI Protein Information	pepsin A-3
UniProt Protein Name	Pepsin A-3
UniProt Gene Name	PGA3
UniProt Entry Name	PEPA3_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/pga3-antibody-immunohistochemistry-western-blot-elisa/303180>