

Rabbit GPAA1 Polyclonal Antibody | anti-GPAA1 antibody

GPAA1 antibody - C-terminal region

CATALOG # AAA199696	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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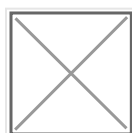
PRODUCT SYNONYMS

GPAA1; Polyclonal Antibody; GPAA1 antibody - C-terminal region; anti-GPAA1 antibody

PRODUCT SPECIFICATIONS

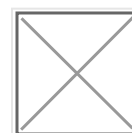
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LG SLFLWRELQE APLSLAEGWQ LFLAALAQGV LEHHTYGALL FPLLSLGL
Sequence Length	621
Applicable Applications for anti-GPAA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 86%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GPAA1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



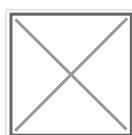
WB (Western Blot)

WB Suggested Anti-GPAA1 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



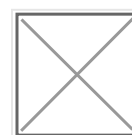
IHC (Immunohistochemistry)

Human kidney



IHC (Immunohistochemistry)

GPAA1 antibody - C-terminal region Formalin Fixed Paraffin Embedded Tissue: Human Lung Tissue
Observed Staining: Cytoplasm of pneumocytes
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1/600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)

GPAA1 antibody - C-terminal region Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue
Observed Staining: Cytoplasm in sinusoids of liver
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-GPAA1 antibody	<p>This is a rabbit polyclonal antibody against GPAA1. It was validated on Western Blot and immunohistochemistry</p> <p>Target Description: Posttranslational glycosylphosphatidylinositol (GPI) anchor attachment serves as a general mechanism for linking proteins to the cell surface membrane. GPAA1 presumably functions in GPI anchoring at the GPI transfer step. The anchor attachment protein 1 contains an N-terminal signal sequence, 1 cAMP- and cGMP-dependent protein kinase phosphorylation site, 1 leucine zipper pattern, 2 potential N-glycosylation sites, and 8 putative transmembrane domains. Posttranslational glycosylphosphatidylinositol (GPI) anchor attachment serves as a general mechanism for linking proteins to the cell surface membrane. The protein encoded by this gene presumably functions in GPI anchoring at the GPI transfer step. The mRNA transcript is ubiquitously expressed in both fetal and adult tissues. The anchor attachment protein 1 contains an N-terminal signal sequence, 1 cAMP- and cGMP-dependent protein kinase phosphorylation site, 1 leucine zipper pattern, 2 potential N-glycosylation sites, and 8 putative transmembrane domains.</p>
Product Categories/Family for anti-GPAA1 antibody	Polyclonal; Signal Proteins; Membrane Protein; Drugs and Drug Metabolism; E3 & Ubiquitin; Membrane & Traffic ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504079
NCBI GeneID	8733
NCBI Accession #	NP_003792
NCBI GenBank Nucleotide #	NM_003801
UniProt Accession #	O43292
Molecular Weight	67kDa
NCBI Official Full Name	glycosylphosphatidylinositol anchor attachment 1 protein
NCBI Official Synonym Full Names	glycosylphosphatidylinositol anchor attachment 1
NCBI Official Symbol	GPAA1
NCBI Official Synonym Symbols	GAA1; hGAA1; GPIBD15
NCBI Protein Information	glycosylphosphatidylinositol anchor attachment 1 protein
UniProt Protein Name	Glycosylphosphatidylinositol anchor attachment 1 protein
UniProt Gene Name	GPAA1
UniProt Synonym Gene Names	GAA1; GPI anchor attachment protein 1; hGAA1
UniProt Entry Name	GPAA1_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/gpaa1-antibody-immunohistochemistry-western-blot-elisa/199696>