Rabbit GPAA1 Polyclonal Antibody | anti-GPAA1 antibody

GPAA1 antibody - C-terminal region

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

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	Syntheticp eptideloca tedwithint hefollowin gregion: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/mlPositive Control: HepG2 cell lysate

IHC (Immunohistochemisry)
Human kidney

IHC (Immunohiostchemistry)
GPAA1 antibody - C-terminal regionFormalin Fixed Paraffin Embedded Tissue: Human Lung TissueObserved Staining: Cytoplasm of pneumocytesPrimary Antibody Concentration: 1:100Other Working Concentrations: 1/600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

IHC (Immunohistochemistry)
GPAA1 antibody - C-terminal regionFormalin Fixed Paraffin Embedded Tissue: Human Liver TissueObserved Staining: Cytoplasm in sinusoids of liverPrimary Antibody Concentration: 1:100Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-GPAA1 antibody	This is a rabbit polyclonal antibody against GPAA1. It was validated on Western Blot and immunohistochemistry 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.
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/gpaa1-antibody-immunohistochemistry-western-blot-elisa/199696