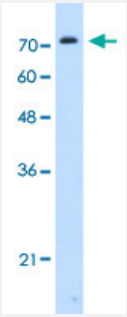
GPAA1 polyclonal antibody

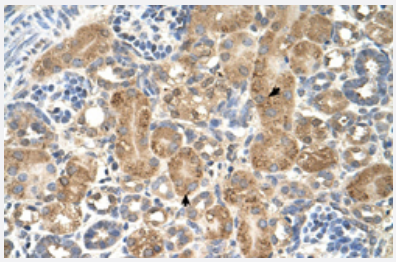
Catalog # PAB30107 Size 100 uL

Applications



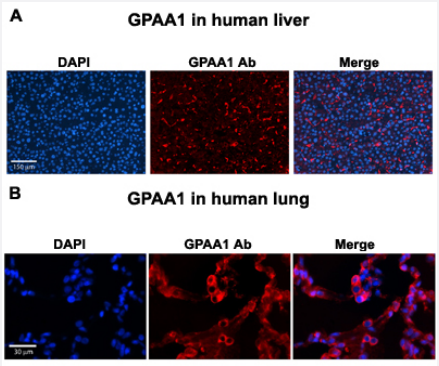
Western Blot (Cell lysate)

Western Blot analysis of HepG2 cell lysate with GPAA1 polyclonal antibody (Cat # PAB30107) at 0.2-1 ug/mL working concentration.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with GPAA1 polyclonal antibody (Cat # PAB30107) at 4-8 ug/mL working concentration.



Immunofluorescence

Immunofluorescent staining of human liver (A) and human lung (B) with GPAA1 polyclonal antibody (Cat # PAB30107) at 1:100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of human GPAA1.

Immunogen	A synthetic peptide corresponding to C-terminus of human GPAA1.
Sequence	LGSLFLWRELQEAPLSLAEGWQLFLAALAQGVLEHHTYGALLFPLLSLGL
Host	Rabbit
Theoretical MW (kDa)	67
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Recommend Usage	Immunofluorescence (1:100) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-8 ug/mL) Western Blot (0.2-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (2% sucrose, 0.09% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with GPAA1 polyclonal antibody (Cat # PAB30107) at 4-8 ug/mL working concentration.

- Immunofluorescence

  Immunofluorescent staining of human liver (A) and human lung (B) with GPAA1 polyclonal antibody (Cat # PAB30107) at 1:100 dilution.

Gene Info — GPAA1

Entrez GeneID	8733

GeneBank Accession#	NM_003801
Protein Accession#	NP_003792;O43292
Gene Name	GPAA1
Gene Alias	GAA1, hGAA1
Gene Description	glycosylphosphatidylinositol anchor attachment protein 1 homolog (yeast)
Omim ID	603048
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	GPAA1P anchor attachment protein 1 homolog|GPI transamidase subunit|anchor attachment protein 1 (Gaa1p, yeast) homolog|glycophosphatidylinositol anchor attachment 1|glycosylphosphatidylinositol anchor attachment protein 1

Pathway

- Glycosylphosphatidylinositol(GPI)-anchor biosynthesis
- Metabolic pathways