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GGT2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12847a

Specification

GGT2 Antibody (N-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	P36268
Other Accession	A6NGU5, P19440
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**61771**
Antigen Region	**12-40**

GGT2 Antibody (N-term) - Additional Information

Other Names
Inactive gamma-glutamyltranspeptidase 2, GGT 2, Gamma-glutamyltransferase 2, Glutathione hydrolase 2, GGT2

Target/Specificity
This GGT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-40 amino acids from the N-terminal region of human GGT2.

Dilution
WB~~1:1000
IHC-P~~1:10~50

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.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
GGT2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GGT2 Antibody (N-term) - Protein Information

Name GGT2P (HGNC:4251)

Synonyms GGT2

Function [Isoform 1]: Lacks catalytic activity due to its inability to undergo the autocatalytic cleavage needed to produce a mature, enzymatically active heterodimer.

Cellular Location
Cytoplasm, perinuclear region. Endoplasmic reticulum. Note=Co-localizes with calnexin in the endoplasmic reticulum

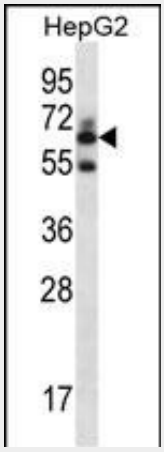
Tissue Location
Highly expressed in fetal and adult kidney and liver

GGT2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

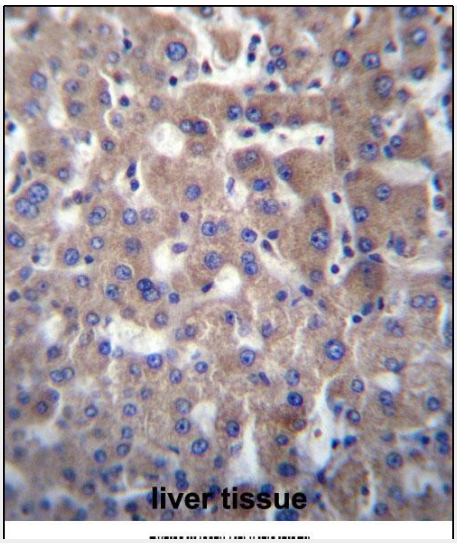
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GGT2 Antibody (N-term) - Images



GGT2 Antibody (N-term) (Cat. #AP12847a) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the GGT2 antibody detected the GGT2 protein (arrow).

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GGT2 Antibody (N-term) (Cat. #AP12847a)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of GGT2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

GGT2 Antibody (N-term) - Background

GGT2 initiates extracellular glutathione (GSH) breakdown; catalyzes the transfer of the glutamyl moiety of glutathione to amino acids and dipeptide acceptors (By similarity).