

GGT2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP12847a

Product Information

Application	WB, IHC-P, E
Primary Accession	P36268
Other Accession	A6NGU5 , P19440
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32598
Calculated MW	61771
Antigen Region	12-40

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~~1:100~500 E~~Use at an assay dependent concentration.
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.

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.

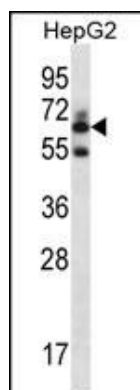
Cellular Location Cytoplasm, perinuclear region. Endoplasmic reticulum. Note=Co-localizes with calnexin in the endoplasmic reticulum

Tissue Location Highly expressed in fetal and adult kidney and liver

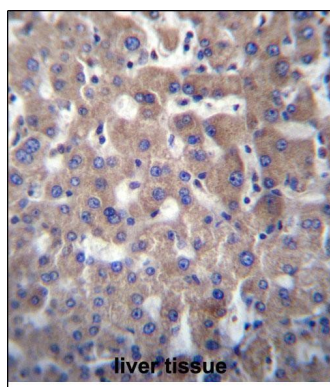
Background

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

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).



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.