Datasheet for ABIN952457

anti-GGH antibody (N-Term)

3 Images

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Overview

Quantity:	0.4 mL
Target:	GGH
Binding Specificity:	AA 14-42, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GGH antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 14-42 amino acids from the N-terminal region of human GGH
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Gamma-glutamyl hydrolase / GGH (N-term).
Purification:	Affinitty Chromatography on Protein A

Target Details

Target:	GGH
Alternative Name:	gamma-Glutamyl Hydrolase / GGH (GGH Products)

Target Details

Background:	This gene catalyzes the hydrolysis of folylpoly-gamma-glutamates and antifolylpoly-gamma-glutamates by the removal of gamma-linked polyglutamates and glutamate. [provided by RefSeq].Synonyms: Conjugase, GH, Gamma-Glu-X carboxypeptidase
Molecular Weight:	35964 Da
Gene ID:	8836
NCBI Accession:	NP_003869
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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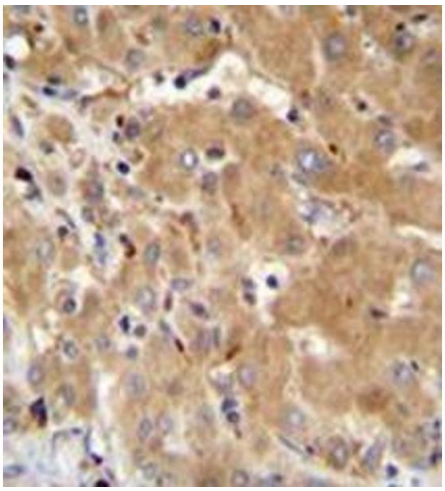
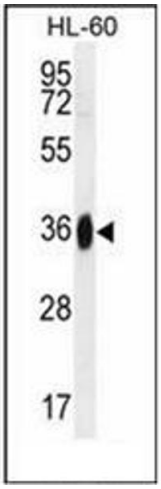


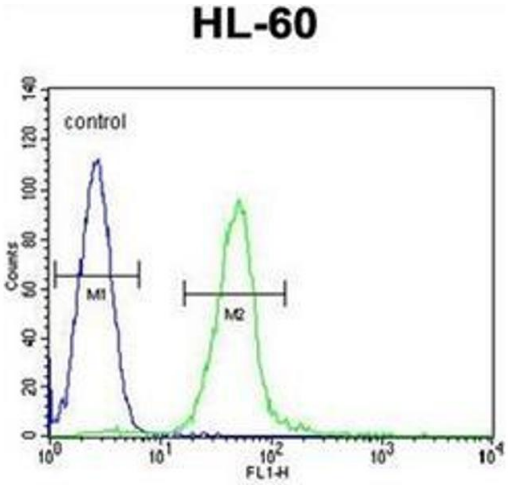
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin fixed and paraffin embedded human liver tissue reacted with GGH Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 2. Western blot analysis of GGH Antibody (N-term) in HL-60 cell line lysates (35ug/lane). This demonstrates the GGH antibody detected the GGH protein (arrow).



Flow Cytometry

Image 3. Flow cytometric analysis of HL-60 cells using GGH Antibody (N-term) Cat.-No AP51830PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.