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Anti-Gamma glutamyl hydrolase Rabbit Monoclonal Antibody

Catalog # ABO16646

Product Information

Application	WB
Primary Accession	Q92820
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Gamma glutamyl hydrolase Rabbit Monoclonal Antibody . Tested in WB applications. This antibody reacts with Human.

Additional Information

Gene ID	8836
Other Names	Gamma-glutamyl hydrolase, 3.4.19.9, Conjugase, GH, Gamma-Glu-X carboxypeptidase, GGH (HGNC:4248)
Calculated MW	35964
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 31G17
Immunogen	A synthesized peptide derived from human Gamma glutamyl hydrolase
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

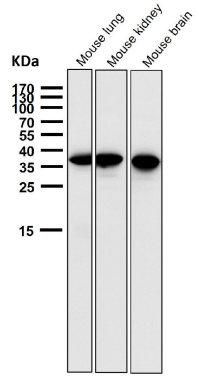
Name	GGH (HGNC:4248)
Function	Hydrolyzes the polyglutamate sidechains of pteroylpolyglutamates. Progressively removes gamma-glutamyl residues from pteroylpoly-gamma-glutamate to yield pteroyl-alpha-glutamate (folic acid)

and free glutamate (PubMed:11005824, PubMed:8816764). May play an important role in the bioavailability of dietary pteroylpolyglutamates and in the metabolism of pteroylpolyglutamates and antifolates.

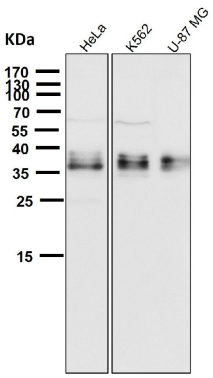
Cellular Location

Secreted, extracellular space. Lysosome. Melanosome. Note=While its intracellular location is primarily the lysosome, most of the enzyme activity is secreted Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

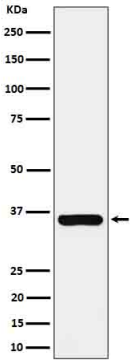
Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

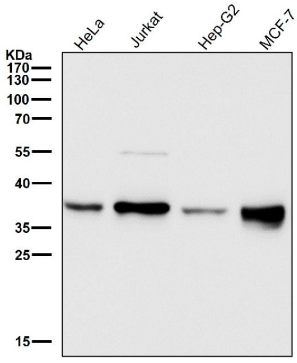


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Western blot analysis of Gamma glutamyl hydrolase expression in MCF7 cell lysate.

All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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