

**Gamma glutamyl hydrolase Antibody**  
Rabbit mAb  
Catalog # AP93121

**Specification**

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**Gamma glutamyl hydrolase Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O92820</a>
Clonality	Monoclonal
<b>Other Names</b>	
folylpolyglutaminase; gamma glutamyl hydrolase; GGH;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	35964 Da

**Gamma glutamyl hydrolase Antibody - Additional Information**

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Gamma glutamyl hydrolase
Description	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. May play an important role in the bioavailability of dietary pteroylpolyglutamates and in the metabolism of pteroylpolyglutamates and antifolates.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Gamma glutamyl hydrolase Antibody - 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](http://www.uniprot.org/citations/11005824), PubMed: [8816764](http://www.uniprot.org/citations/8816764)). May play an important role in the bioavailability of dietary pteroylpolyglutamates and in the metabolism of pteroylpolyglutamates and antifolates.

### Cellular Location

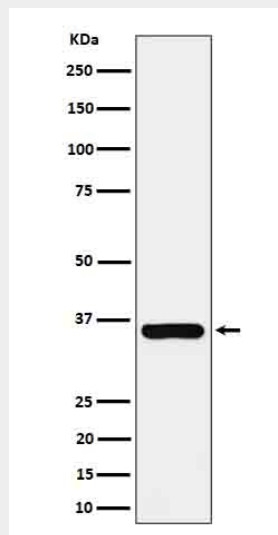
Secreted, extracellular space. Lysosome. Melanosome. Note=While its intracellular location is primarily the lysosome, most of the enzyme activity is secreted Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

### Gamma glutamyl hydrolase Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Gamma glutamyl hydrolase Antibody - Images



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