

Gamma glutamyl hydrolase Antibody
Rabbit mAb
Catalog # AP93121

Specification

Gamma glutamyl hydrolase Antibody - Product Information

| | |
|---|------------------------|
| Application | WB |
| Primary Accession | O92820 |
| Clonality | Monoclonal |
| Other Names | |
| folylpolyglutaminyl hydrolase; 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

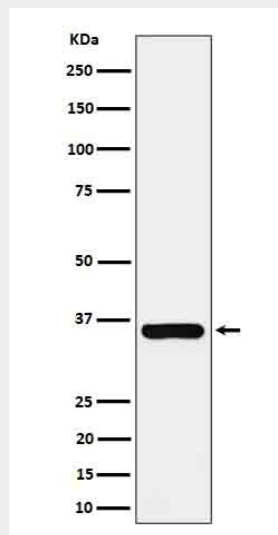
Secreted, extracellular space. Lysosome. Melanosome. Note=While its intracellular location is primarily the lysosome, most of the enzyme activity is secreted Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

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.