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GGH Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12045b

Specification

GGH Antibody (C-term) Blocking peptide - Product Information

Primary Accession O92820

GGH Antibody (C-term) Blocking peptide - Additional Information

Gene ID 8836

Other Names
Gamma-glutamyl hydrolase, Conjugase, GH, Gamma-Glu-X carboxypeptidase, GGH

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GGH Antibody (C-term) Blocking peptide - Protein Information

Name GGH

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. May play an important role in the bioavailability of dietary pteroylpolyglutamates and in the metabolism of pteroylpolyglutamates and antifolates.

GGH Antibody (C-term) Blocking peptide - Background

This gene catalyzes the hydrolysis offolylpoly-gamma-glutamates and antifolylpoly-gamma-glutamates bythe removal of gamma-linked polyglutamates and glutamate. [providedby RefSeq].

GGH Antibody (C-term) Blocking peptide - References

Adjei, A.A., et al. J Thorac Oncol 5(9):1346-1353(2010)Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010)Organista-Nava, J., et al. Leuk. Res. 34(6):728-732(2010)Figueiredo, J.C., et al. Cancer Causes Control 21(4):597-608(2010)Dervieux, T., et al. Pharmacogenet. Genomics (2009) In press :

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.

GGH Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides