

Anti-GGH Antibody
Rabbit polyclonal antibody to GGH
Catalog # AP60765

Specification

Anti-GGH Antibody - Product Information

Application	WB
Primary Accession	O92820
Other Accession	O9Z0L8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35964

Anti-GGH Antibody - Additional Information

Gene ID 8836

Other Names

Gamma-glutamyl hydrolase; Conjugase; GH; Gamma-Glu-X carboxypeptidase

Target/Specificity

Recognizes endogenous levels of GGH protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-GGH 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

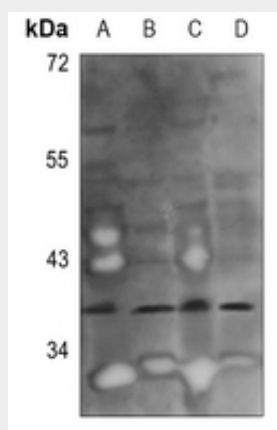
primarily the lysosome, most of the enzyme activity is secreted Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Anti-GGH 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](#)

Anti-GGH Antibody - Images



Western blot analysis of GGH expression in mouse liver (A), mouse lung (B), rat liver (C), rat lung (D) whole cell lysates.

Anti-GGH Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GGH. The exact sequence is proprietary.