

**Anti-Gamma glutamyl hydrolase Rabbit Monoclonal Antibody**  
Catalog # ABO16646**Specification****Anti-Gamma glutamyl hydrolase Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O92820</a>
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.

**Anti-Gamma glutamyl hydrolase Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 8836

**Other Names**

Gamma-glutamyl hydrolase, 3.4.19.9, Conjugase, GH, Gamma-Glu-X carboxypeptidase, GGH ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=4248](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=4248))  
HGNC:4248

**Application Details**

WB 1:500-1:2000

**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.

**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.**

**Anti-Gamma glutamyl hydrolase Rabbit Monoclonal 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:<a href="http://www.uniprot.org/citations/11005824" target="\_blank">11005824</a>, PubMed:<a href="http://www.uniprot.org/citations/8816764" target="\_blank">8816764</a>). May play an important role in the bioavailability of dietary pteroylpolyglutamates and in the metabolism of pteroylpolyglutamates and antifolates.

#### Cellular Location

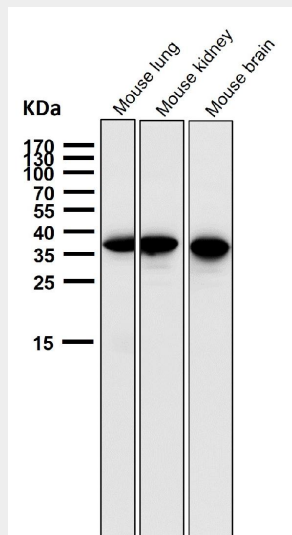
Secreted, extracellular space. Lysosome. Melanosome. Note=While its intracellular location is primarily the lysosome, most of the enzyme activity is secreted Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

### Anti-Gamma glutamyl hydrolase Rabbit Monoclonal Antibody - Protocols

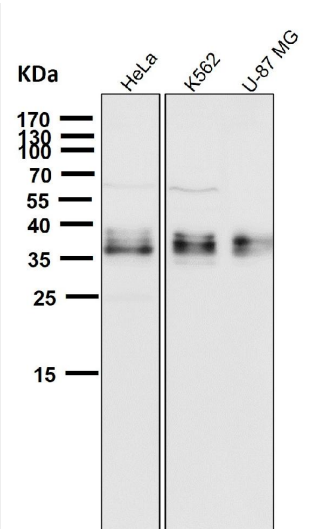
Provided below are standard protocols that you may find useful for product applications.

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

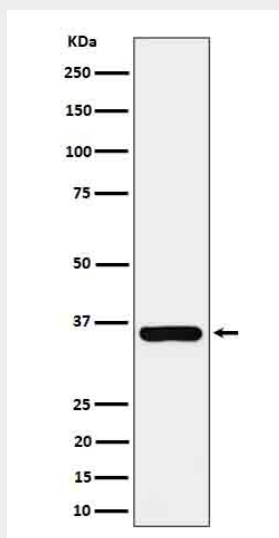
### Anti-Gamma glutamyl hydrolase Rabbit Monoclonal Antibody - Images



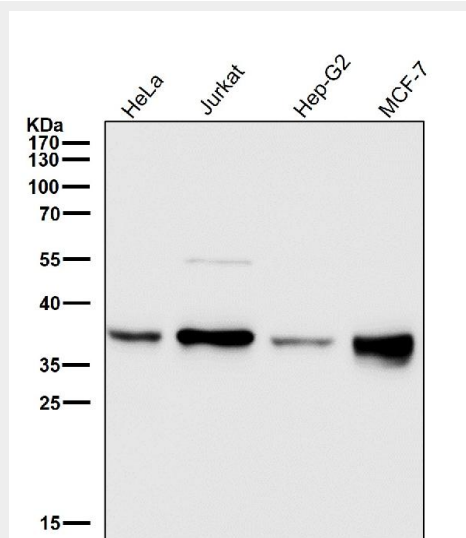
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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



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.