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# HAGH Antibody (C-term) (Ascites)
**Mouse Monoclonal Antibody (Mab)**
**Catalog # AM2159a**

## Specification

### HAGH Antibody (C-term) (Ascites) - Product Information

| | |
|---|---|
| Application | **WB,E** |
| Primary Accession | Q16775 |
| Other Accession | NP_005317.2 |
| Reactivity | **Human** |
| Host | **Mouse** |
| Clonality | **Monoclonal** |
| Isotype | **IgG1** |
| Calculated MW | **33806** |
| Antigen Region | **279-308** |

### HAGH Antibody (C-term) (Ascites) - Additional Information

**Gene ID** 3029

**Other Names**
Hydroxyacylglutathione hydrolase, mitochondrial, Glyoxalase II, Glx II, HAGH, GLO2, HAGH1

**Target/Specificity**
This HAGH antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 279-308 amino acids from the C-terminal region of human HAGH.

**Dilution**
WB~~1:100~1600
E~~Use at an assay dependent concentration.

**Format**
Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
HAGH Antibody (C-term) (Ascites) is for research use only and not for use in diagnostic or therapeutic procedures.

### HAGH Antibody (C-term) (Ascites) - Protein Information

**Name** HAGH

**Synonyms** GLO2, HAGH1

**Function** Thiolesterase that catalyzes the hydrolysis of S-D-lactoyl- glutathione to form glutathione and D-lactic acid.

**Cellular Location**
[Isoform 1]: Mitochondrion matrix

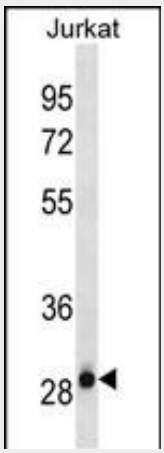
**Tissue Location**
Expressed in liver and kidney.

## HAGH Antibody (C-term) (Ascites) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## HAGH Antibody (C-term) (Ascites) - Images




HAGH Antibody (C-term)(Ascites)(Cat. #AM2159a) western blot analysis in Jurkat cell line lysates (35µg/lane).This demonstrates the HAGH antibody detected the HAGH protein (arrow).

## HAGH Antibody (C-term) (Ascites) - Background

The enzyme encoded by this gene is classified as a thiolesterase and is responsible for the hydrolysis of S-lactoyl-glutathione to reduced glutathione and D-lactate. Two transcript variants encoding different isoforms have been found for this gene.

## HAGH Antibody (C-term) (Ascites) - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010)
Limphong, P., et al. Biochemistry 48(23):5426-5434(2009)
Antognelli, C., et al. Cancer Biol. Ther. 6(12):1880-1888(2007)

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