

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

**Specification**

---

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

Application	WB,E
Primary Accession	<a href="#">Q16775</a>
Other Accession	<a href="#">NP_005317.2</a>
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

**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

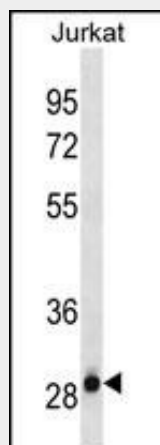
Expressed in liver and kidney.

### 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 Cytometry](#)
- [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)  
Xu, Y., et al. *J. Biol. Chem.* 281(36):26702-26713(2006)

Antognelli, C., et al. Cancer J 12(3):222-228(2006)