

Mouse anti-Human HAGH Monoclonal Antibody | anti-HAGH antibody

HAGH Antibody (C-term) (Ascites)

CATALOG # AAA283581	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

HAGH; Monoclonal Antibody; HAGH Antibody (C-term) (Ascites); Hydroxyacylglutathione hydrolase; mitochondrial; Glyoxalase II; Glx II; GLO2; HAGH1; anti-HAGH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	611CT23.6.1
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.
Form/Format	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Sequence Length	260
Applicable Applications for anti-HAGH antibody	ELISA, WB (Western Blot)
Antigen Region	279-308
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.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-HAGH antibody	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.
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Product Categories/Family for anti-HAGH antibody	Cell Biology; Metabolism; Neuroscience
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	94538320
NCBI GeneID	3029
NCBI Accession #	NP_001035517.1; NP_005317.2
NCBI GenBank Nucleotide #	NM_001040427.1
UniProt Accession #	Q16775; A8K290; B4DP33; B4DRA7; E7EN93
Molecular Weight	33806
NCBI Official Full Name	hydroxyacylglutathione hydrolase, mitochondrial isoform 2
NCBI Official Synonym Full Names	hydroxyacylglutathione hydrolase
NCBI Official Symbol	HAGH
NCBI Official Synonym Symbols	GLO2; GLX2; GLXII; HAGH1
NCBI Protein Information	hydroxyacylglutathione hydrolase, mitochondrial
UniProt Protein Name	Hydroxyacylglutathione hydrolase, mitochondrial
UniProt Gene Name	HAGH
UniProt Synonym Gene Names	GLO2; HAGH1; Glx II
UniProt Entry Name	GLO2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hagh-antibody-clone-611ct23-6-1-western-blot-elisa/283581>