

Anti-Glyoxalase II/HAGH Antibody (6H643)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6H643
Purification:	Protein A

Applications

Verified Activity:	Immunochemical staining of human HAGH in human kidney with mouse monoclonal antibody (1:1000, formalin-fixed paraffin embedded sections).
Application:	IHC-P
Recommended	IHC-P: 1:500-1:2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human HAGH / GLO2 / Glyoxalase II protein (TMPY-02288)
Antigen Species:	Human
Synonyms:	GLX2;GLXII;hydroxyacylglutathione hydrolase;GLO2;HAGH1

Research Background

HAGH (Hydroxyacylglutathione Hydrolase) is a Protein Coding gene. 3 alternative splicing and alternative initiation of human isoforms have been reported. The enzyme encoded by this gene is classified as a thioesterase and is responsible for the hydrolysis of S-lactoyl-glutathione to reduced glutathione and D-lactate. HAGH belongs to the Metallo-beta-lactamase superfamily. HAGH is widely expressed in the kidney, liver, and other tissues. Diseases associated with HAGH include Hydroxyacyl Glutathione Hydrolase Deficiency. Among its related pathways are Pyruvate metabolism and Citric Acid (TCA) cycle and Metabolism. The human and rodent forms of glyoxalase II (HAGH) can readily be separated by starch gel electrophoretic procedures.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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