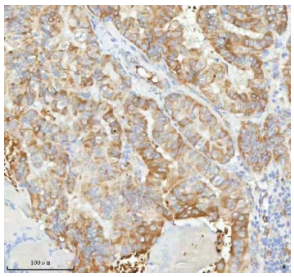
HAGH Antibody / Hydroxyacylglutathione hydrolase (RQ8652)

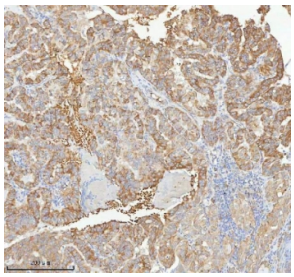
Catalog No.	Formulation	Size
RQ8652	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q16775
Localization	Cytoplasm (Mitochondria)
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
Limitations	This HAGH antibody is available for research use only.



IHC staining of FFPE human thyroid papillary carcinoma tissue with HAGH antibody.
HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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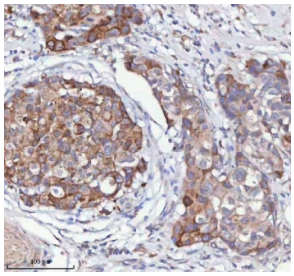
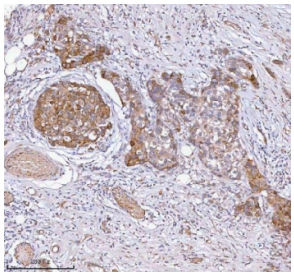
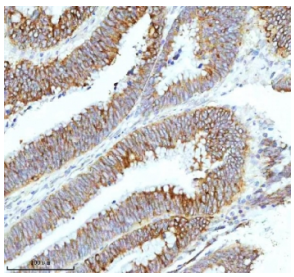


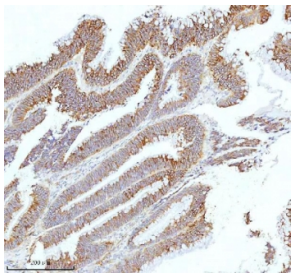
IHC staining of FFPE human breast cancer tissue with HAGH antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



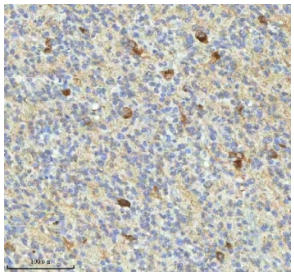
IHC staining of FFPE human breast cancer tissue with HAGH antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



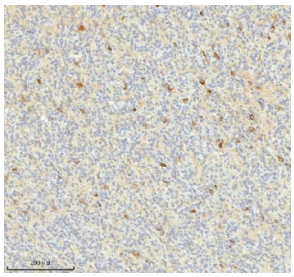
IHC staining of FFPE human colon adenocarcinoma tissue with HAGH antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



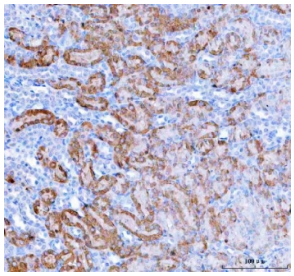
IHC staining of FFPE human colon adenocarcinoma tissue with HAGH antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



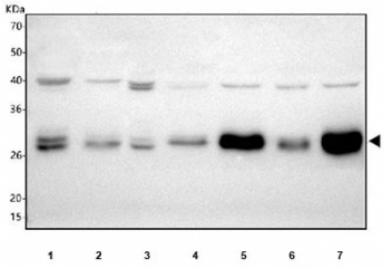
IHC staining of FFPE human glioblastoma tissue with HAGH antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human glioblastoma tissue with HAGH antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat kidney tissue with HAGH antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human HepG2, 2) human Jurkat, 3) human MCF7, 4) rat brain, 5) rat liver, 6) mouse brain and 7) mouse liver tissue lysate with HAGH antibody. Predicted molecular weight: 25-34 kDa (multiple isoforms).

Description

Hydroxyacylglutathione hydrolase, mitochondrial is an enzyme that in humans is encoded by the HAGH gene. 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. Three transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the HAGH antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids R10-E235) was used as the immunogen for the HAGH antibody.

Storage

After reconstitution, the HAGH Antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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