

Rabbit Fumarate Hydratase Polyclonal Antibody | anti-FH antibody

Fumarate Hydratase Antibody

CATALOG # AAA225473	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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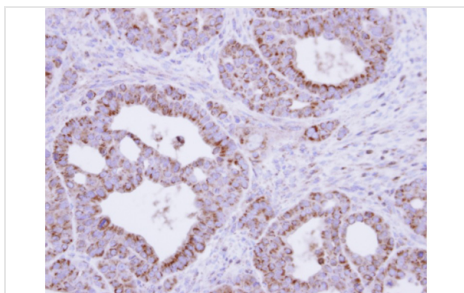
PRODUCT SYNONYMS

Fumarate Hydratase; Polyclonal Antibody; Fumarate Hydratase Antibody; Affinity Purified Rabbit Polyclonal Fumarate Hydratase Antibody; Polyclonal Fumarate Hydratase antibody; Anti-Fumarate Hydratase antibody; fumarate hydratase antibody; FH antibody; fumarase antibody; MCUL1 antibody; LRCC antibody; fumarate hydratase mitochondrial antibody; MCL antibody; HLRCC antibody; anti-FH antibody

PRODUCT SPECIFICATIONS

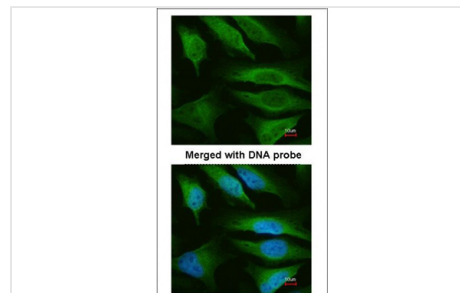
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.9 mg/ml (varies by lot)
Sequence Length	435
Applicable Applications for anti-FH antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



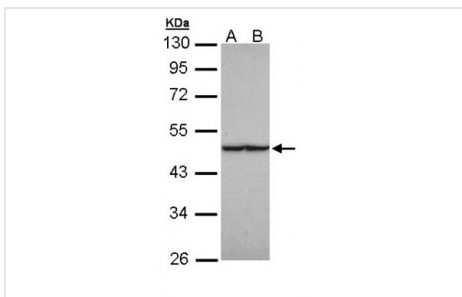
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded NCIN87 xenograft using Fumarate Hydratase antibody at a dilution of 1:500



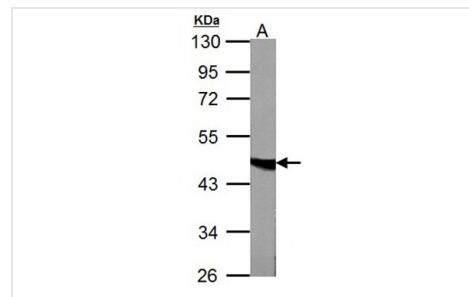
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using fumarate hydratase antibody at 1:200 dilution.



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: HeLa; B: Hep G2) using a 10% SDS PAGE gel and Fumarate Hydratase antibody at a dilution of 1:1000



WB (Western Blot)

Western blot analysis of A. 50 ug mouse liver lysate/extract using a 7.5% SDS PAGE gel and Fumarate Hydratase antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-FH antibody

The protein encoded by this gene is an enzymatic component of the tricarboxylic acid cycle, or Krebs cycle, and catalyzes the formation of L-malate from fumarate. It exists in both a cytosolic form and an N-terminal extended form, differing only in the translation start site used. The N-terminal extended form is targeted to the mitochondrion, where the removal of the extension generates the same form as in the cytoplasm. It is similar to some thermostable class II fumarases and functions as a homotetramer. Mutations in this gene can cause fumarase deficiency and lead to progressive encephalopathy.

Product Categories/Family for anti-FH antibody

[Proteases](#); [Inhibitors](#); & [Enzymes](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	638250507
NCBI GeneID	103178924
NCBI GenBank Nucleotide #	NP_001279653.1
Molecular Weight	55 kDa
NCBI Official Full Name	fumarate hydratase
NCBI Official Symbol	fh
NCBI Protein Information	fumarate hydratase; fumarate hydratase, mitochondrial

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/polyclonal/fumarate-hydratase-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225473>