

Rabbit anti-Human, Mouse FH/Fumarate Hydratase Polyclonal Antibody | anti-FH antibody

Rabbit anti-FH/Fumarate Hydratase Antibody, Affinity Purified

CATALOG # AAA213181	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

FH/Fumarate Hydratase; Polyclonal Antibody; Rabbit anti-FH/Fumarate Hydratase Antibody; Affinity Purified; MCL; MCUL1; LRCC; HLRCC; fumarase; epididymis secretory sperm binding protein; FMRD; fumarate hydratase; mitochondrial; Fumarate hydratase; anti-FH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-FH antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Pig
Immunogen	Between 150 and 200
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse FH by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-FH antibody AAA213181 (lot AAA213181-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IP (Immunoprecipitation)

Detection of human FH by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-FH antibody AAA213181 (lot AAA213181-1) used for IP at 6 ug per reaction. FH was also immunoprecipitated by rabbit anti-FH antibody BL20726. For blotting immunoprecipitated FH, AAA213181 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-FH antibody	Fumarate is an enzymatic component of the tricarboxylic acid (TCA) 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 [taken from NCBI Entrez Gene (Gene ID: 2271)].
Product Categories/Family for anti-FH antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	19743875
NCBI GeneID	2271
NCBI Accession #	NP_000134.2
NCBI GenBank Nucleotide #	NM_000143.3
UniProt Accession #	P07954
Molecular Weight	54,637 Da
NCBI Official Full Name	fumarate hydratase, mitochondrial
NCBI Official Synonym Full Names	fumarate hydratase
NCBI Official Symbol	FH
NCBI Official Synonym Symbols	MCL; LRCC; HLRCC; MCUL1
NCBI Protein Information	fumarate hydratase, mitochondrial; fumarase
UniProt Protein Name	Fumarate hydratase, mitochondrial
UniProt Gene Name	FH
UniProt Synonym Gene Names	Fumarase
UniProt Entry Name	FUMH_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/polyclonal/fh-fumarate-hydratase-antibody-immunoprecipitation-western-blot-elisa/213181>