

Rabbit ETHE1 Polyclonal Antibody | anti-ETHE1 antibody

ETHE1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313216	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ETHE1; Polyclonal Antibody; ETHE1 Rabbit Polyclonal Antibody; HSCO; YF13H12; anti-ETHE1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-ETHE1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ETHE1 (NP_055112.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



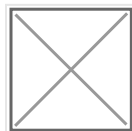
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using ETHE1 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using ETHE1 at dilution of 1:100 (40x lens).



IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using ETHE1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ETHE1 at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ETHE1 antibody

This gene encodes a member of the metallo beta-lactamase family of iron-containing proteins involved in the mitochondrial sulfide oxidation pathway. The encoded protein catalyzes the oxidation of a persulfide substrate to sulfite. Certain mutations in this gene cause ethylmalonic encephalopathy, an infantile metabolic disorder affecting the brain, gastrointestinal tract and peripheral vessels. Alternative splicing results in multiple transcript variants encoding different isoforms.

Product Categories/Family for anti-ETHE1 antibody

Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	41327741
NCBI GeneID	23474
NCBI Accession #	NP_055112.2
NCBI GenBank Nucleotide #	NM_014297.3
UniProt Accession #	O95571; Q96HR0; Q9H001
Molecular Weight	27,873 Da
NCBI Official Full Name	persulfide dioxygenase ETHE1, mitochondrial
NCBI Official Synonym Full Names	ethylmalonic encephalopathy 1
NCBI Official Symbol	ETHE1
NCBI Official Synonym Symbols	HSCO; YF13H12
NCBI Protein Information	persulfide dioxygenase ETHE1, mitochondrial; ethylmalonic encephalopathy protein 1; hepatoma subtracted clone one protein; protein ETHE1, mitochondrial; sulfur dioxygenase ETHE1
UniProt Protein Name	Persulfide dioxygenase ETHE1, mitochondrial
UniProt Gene Name	ETHE1
UniProt Synonym Gene Names	HSCO
UniProt Entry Name	ETHE1_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/ethe1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/313216>