ETHE1 Rabbit Polyclonal Antibody



CAB10142

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

28kDa

Calculated MW:

27kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein Background

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.

Immunogen information

Gene ID: 23474

Uniprot O95571

Synonyms:

ETHE1; HSCO; YF13H12

Antibody Information

Recommended dilutions:

WB 1:200 - 1:1000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:

Rabbit

Store

Isotype:

lgG

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 8-245 of human ETHE1 (NP_055112.2).

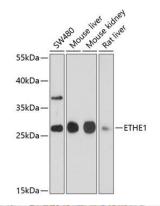
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

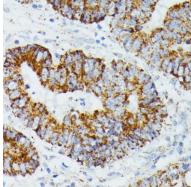
Purification:

Affinity purification

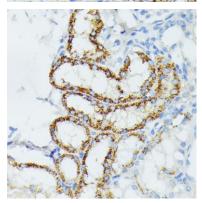
Product Images



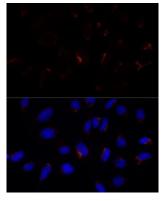
Western blot analysis of extracts of various cell lines, using ETHE1 antibody (CAB10142) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human colon carcinoma using ETHE1 antibody (CAB10142) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using ETHE1 antibody (CAB10142) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U-2 OS cells using ETHE1 Polyclonal Antibody (CAB10142) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.