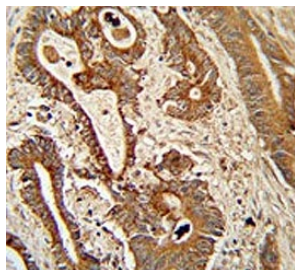


ETHE1 Antibody (F54868)

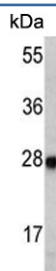
Catalog No.	Formulation	Size
F54868-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54868-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O95571
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 1:500-1:1000 Immunohistochemistry (FFPE) : 1:50-1:100 Flow Cytometry : 1:10-1:50 (1x10 ⁶ cells)
Limitations	This ETHE1 antibody is available for research use only.



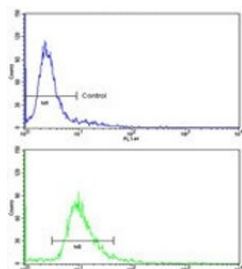
IHC testing of FFPE human colon carcinoma tissue with ETHE1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of mouse kidney tissue lysate with ETHE1 antibody. Predicted molecular weight ~28 kDa.

kDa
55
36
28
17

Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with ETHE1 antibody.



Flow cytometry testing of human HEK293 cells with ETHE1 antibody; Blue=isotype control, Green= ETHE1 antibody.

Description

ETHE1 is a sulfur dioxygenase that localizes within the mitochondrial matrix. The enzyme functions in sulfide catabolism. Mutations in its gene result in ethylmalonic encephalopathy.

Application Notes

The stated application concentrations are suggested starting points. Titration of the ETHE1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 103-130 from the human protein was used as the immunogen for the ETHE1 antibody.

Storage

Aliquot the ETHE1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.