

Anti-ETHE1 Antibody (9J276)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9J276
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human ETHE1 / HSCO Protein (TMPY-03658)
Antigen Species:	Human
Synonyms:	ethylmalonic encephalopathy 1;YF13H12;HSCO

Research Background

ETHE1, also known as HSCO, is a sulfur dioxygenase that localizes within the mitochondrial matrix. ETHE1 probably plays an important role in metabolic homeostasis in mitochondria. It may also function as a nuclear-cytoplasmic shuttling protein that binds transcription factor RELA/NFKB3 in the nucleus and exports it to the cytoplasm. ETHE1 can suppresses p53-induced apoptosis by preventing nuclear localization of RELA. Mutations in ETHE1 gene result in ethylmalonic encephalopathy. Ethylmalonic encephalopathy is an autosomal recessive, invariably fatal disorder characterized by early-onset encephalopathy, microangiopathy, chronic diarrhea, defective cytochrome c oxidase (COX) in muscle and brain, high concentrations of C4 and C5 acylcarnitines in blood and high excretion of ethylmalonic acid in urine.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481