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Datasheet for ABIN895774
anti-ETHE1 antibody (AA 191-254) (Cy7)

Overview

Quantity:	100 µL
Target:	ETHE1
Binding Specificity:	AA 191-254
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ETHE1 antibody is conjugated to Cy7
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human E1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ETHE1
Alternative Name:	ETHE1 (ETHE1 Products)
Background:	Synonyms: mitochondrial, Ethe1, ETHE1 protein, mitochondrial precursor, ETHE1_HUMAN,

Target Details

ethylmalonic encephalopathy 1, Ethylmalonic encephalopathy protein 1, hepatoma subtracted clone one, Hepatoma subtracted clone one protein, HSCO, Protein ETHE1, YF13H12.

Background: Probably plays an important role in metabolic homeostasis in mitochondria. May function as a nuclear-cytoplasmic shuttling protein that binds transcription factor RELA/NFKB3 in the nucleus and exports it to the cytoplasm. Suppresses p53-induced apoptosis by preventing nuclear localization of RELA. Involvement in disease: Defects in ETHE1 are a cause of ethylmalonic encephalopathy (EE). EE is an autosomal recessive disorder characterized by neurodevelopmental delay and regression, recurrent petechiae, acrocyanosis, diarrhea, leading to death in the first decade of life. It is also associated with persistent lactic acidemia and ethylmalonic and methylsuccinic aciduria.

Gene ID: 23474

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months