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Datasheet for ABIN895773

## anti-ETHE1 antibody (AA 191-254) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	ETHE1
Binding Specificity:	AA 191-254
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ETHE1 antibody is conjugated to Alexa Fluor 647
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 ( <a href="#">ETHE1 Products</a> )
Background:	Synonyms: mitochondrial, Ethe1, ETHE1 protein, mitochondrial precursor, ETHE1_HUMAN,

## Target Details

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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.

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Gene ID: 23474

## Application Details

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

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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

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Preservative: ProClin

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

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Storage: -20 °C

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

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Expiry Date: 12 months