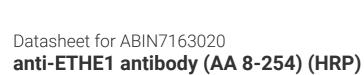
# antibodies .- online.com







### Overview

Quantity:	100 μg
Target:	ETHE1
Binding Specificity:	AA 8-254
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ETHE1 antibody is conjugated to HRP
Application:	ELISA

## **Product Details**

Immunogen:	Recombinant Human Persulfide dioxygenase ETHE1, mitochondrial protein (8-254AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	ETHE1
Alternative Name:	ETHE1 (ETHE1 Products)
Background:	Background: Sulfur dioxygenase that plays an essential role in hydrogen sulfide catabolism in
	the mitochondrial matrix. Hydrogen sulfide (H(2)S) is first oxidized by SQRDL, giving rise to

cysteine persulfide residues. ETHE1 consumes molecular oxygen to catalyze the oxidation of the persulfide, once it has been transferred to a thiophilic acceptor, such as glutathione (R-SSH). Plays an important role in metabolic homeostasis in mitochondria by metabolizing hydrogen sulfide and preventing the accumulation of supraphysiological H(2)S levels that have toxic effects, due to the inhibition of cytochrome c oxidase. First described as a protein that can shuttle between the nucleus and the cytoplasm and suppress p53-induced apoptosis by sequestering the transcription factor RELA/NFKB3 in the cytoplasm and preventing its accumulation in the nucleus (PubMed:12398897).

Aliases: Ethe1 antibody, ETHE1 protein, mitochondrial precursor antibody, ETHE1\_HUMAN antibody, ethylmalonic encephalopathy 1 antibody, Ethylmalonic encephalopathy protein 1 antibody, hepatoma subtracted clone one antibody, Hepatoma subtracted clone one protein antibody, HSCO antibody, mitochondrial antibody, Protein ETHE1 antibody, Protein ETHE1 mitochondrial antibody, YF13H12 antibody

UniProt:

095571

#### Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.