

Rabbit ECH1 Polyclonal Antibody | anti-ECH1 antibody

ECH1 Polyclonal Antibody

CATALOG # AAA29803	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
------------------------------	-----------------------	--	---

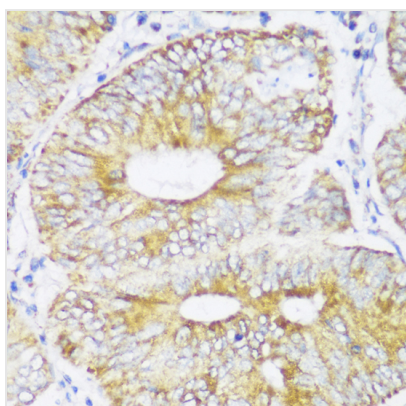
PRODUCT SYNONYMS

ECH1; Polyclonal Antibody; ECH1 Polyclonal Antibody; HPXEL; enoyl-CoA hydratase 1; anti-ECH1 antibody

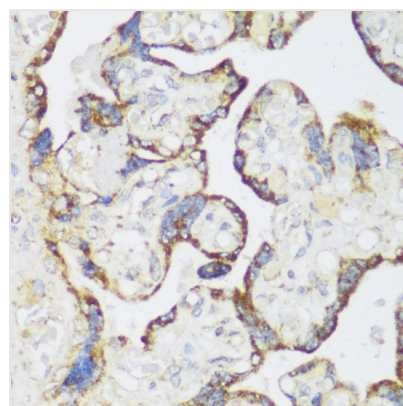
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-ECH1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200
Immunogen	Recombinant fusion protein of human ECH1 (NP_001389.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

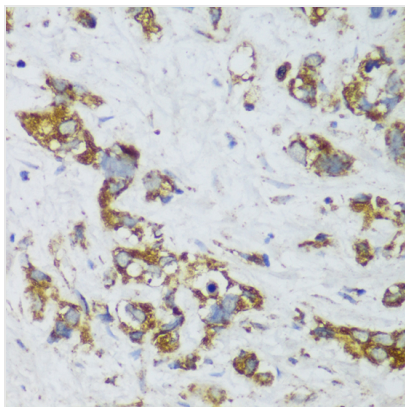
IMAGES



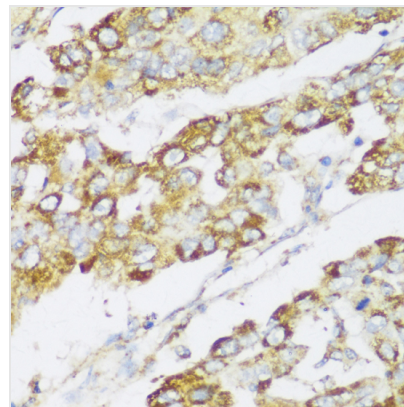
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon carcinoma using ECH1 antibody.



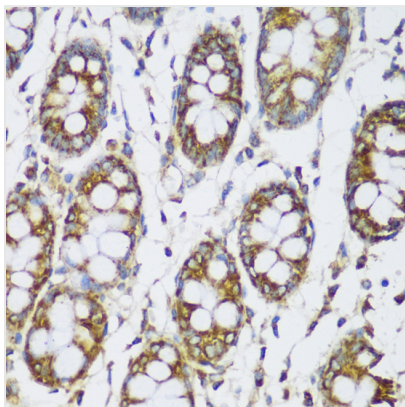
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human placenta using ECH1 antibody.



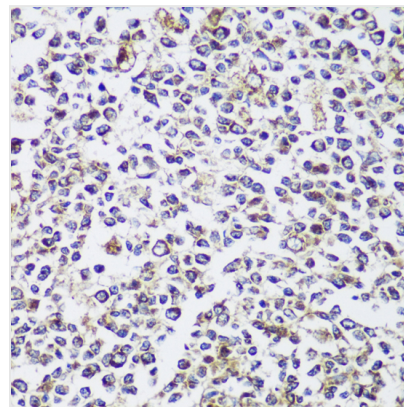
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human gastric cancer using ECH1 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using ECH1 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon using ECH1 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human tonsil using ECH1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ECH1 antibody	This gene encodes a member of the hydratase/isomerase superfamily. The gene product shows high sequence similarity to enoyl-coenzyme A (CoA) hydratases of several species, particularly within a conserved domain characteristic of these proteins. The encoded protein, which contains a C-terminal peroxisomal targeting sequence, localizes to the peroxisome. The rat ortholog, which localizes to the matrix of both the peroxisome and mitochondria, can isomerize 3-trans, 5-cis-dienoyl-CoA to 2-trans, 4-trans-dienoyl-CoA, indicating that it is a delta3, 5-delta2, 4-dienoyl-CoA isomerase. This enzyme functions in the auxiliary step of the fatty acid beta-oxidation pathway. Expression of the rat gene is induced by peroxisome proliferators.
Product Categories/Family for anti-ECH1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	70995211
NCBI GeneID	1891
NCBI Accession #	NP_001389.2
NCBI GenBank Nucleotide #	NM_001398.2
UniProt Accession #	Q13011; Q8WVX0; Q96EZ9; A8K745
Molecular Weight	35,816 Da
NCBI Official Full Name	delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial
NCBI Official Synonym Full Names	enoyl CoA hydratase 1, peroxisomal

NCBI Official Symbol	ECH1
NCBI Official Synonym Symbols	HPXEL
NCBI Protein Information	delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial; delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial; delta3,5-delta2,4-dienoyl-CoA isomerase; enoyl Coenzyme A hydratase 1, peroxisomal; peroxisomal enoyl-CoA hydratase 1
UniProt Protein Name	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial
UniProt Gene Name	ECH1
UniProt Entry Name	ECH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ech1-antibody-western-blot-immunohistochemistry-elisa/29803>