

Rabbit anti-Human, Rat ECH1 Polyclonal Antibody | anti-ECH1 antibody

ECH1 Antibody

CATALOG # AAA311755	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	---------------------------------	---

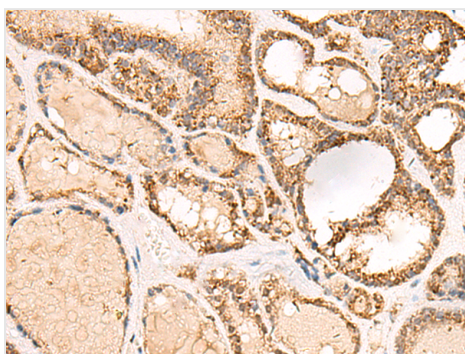
PRODUCT SYNONYMS

ECH1; Polyclonal Antibody; ECH1 Antibody; HPXEL; anti-ECH1 antibody

PRODUCT SPECIFICATIONS

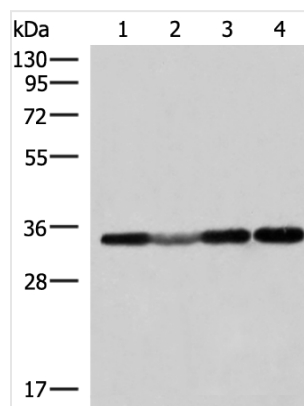
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Purity/Purification	Antigen affinity purification
Form/Format	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	0.9mg/mL (varies by lot)
Applicable Applications for anti-ECH1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human ECH1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using (ECH1 Antibody) at dilution 1/50.



SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane 1-4: HepG2, 293T and HeLa cell, Human fetal liver tissue lysates, Primary antibody:ECH1 Antibody at dilution 1/300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 15 seconds

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 #	40226519
NCBI GeneID	1891
UniProt Accession #	Q96SC8; Q8WVX0; Q96EZ9; A8K745; Q13011
Molecular Weight	35,816 Da
NCBI Official Full Name	Homo sapiens enoyl Coenzyme A hydratase 1, peroxisomal, mRNA
NCBI Official Synonym Full Names	enoyl-CoA hydratase 1
NCBI Official Symbol	ECH1
NCBI Official Synonym Symbols	HPXEL
NCBI Protein Information	delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial
UniProt Protein Name	Doublesex- and mab-3-related transcription factor A2
UniProt Gene Name	DMRTA2
UniProt Synonym Gene Names	DMRT5
UniProt Entry Name	DMTA2_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.