

EHHADH Antibody

Catalog No: #34890

Package Size: #34890-1 50ul #34890-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

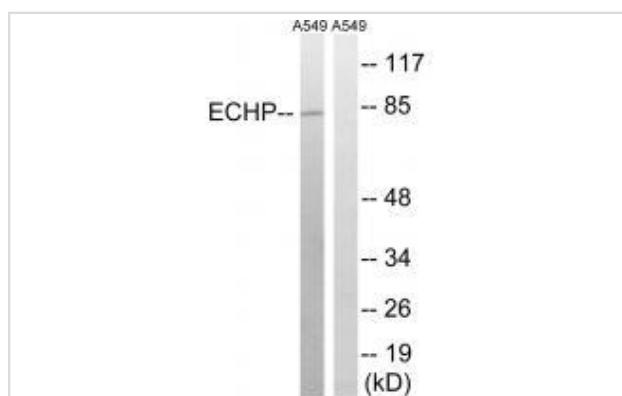
Product Name	EHHADH Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total EHHADH protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human EHHADH.
Target Name	EHHADH
Other Names	EC 1.1.1.35; EC 4.2.1.17; EC 5.3.3.8; ECHD; ECHP
Accession No.	Swiss-Prot: Q08426NCBI Gene ID: 1962
Uniprot	Q08426
GeneID	1962;
SDS-PAGE MW	80kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

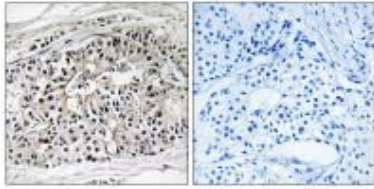
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from A549 cells, using EHHADH antibody #34890.

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using EHHADH antibody #34890.



Background

The protein encoded by this gene is a bifunctional enzyme and is one of the four enzymes of the peroxisomal beta-oxidation pathway. The N-terminal region of the encoded protein contains enoyl-CoA hydratase activity while the C-terminal region contains 3-hydroxyacyl-CoA dehydrogenase activity. Defects in this gene are a cause of peroxisomal disorders such as Zellweger syndrome. Two transcript variants encoding different isoforms have been found for this gene.

Hoefer G., Genomics 19:60-67(1994).

Cherkaoui-Malki M., Submitted (SEP-2001) to the EMBL/GenBank/DDBJ databases.

Totoki Y., Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Note: This product is for in vitro research use only