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Datasheet for ABIN5514454

anti-Peroxisomal Bifunctional Enzyme antibody (Middle Region)

Overview

Quantity:	100 µL
Target:	Peroxisomal Bifunctional Enzyme (ECHP)
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxisomal Bifunctional Enzyme antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human ECHP
Sequence:	VIAVDSDKNQ LATANKMITS VLEKEASKMQ QSGHPWSGPK PRLTSSVKEL
Characteristics:	This is a rabbit polyclonal antibody against ECHP. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	Peroxisomal Bifunctional Enzyme (ECHP)
Alternative Name:	ECHP (ECHP Products)
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

Target Details

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.

Alias Symbols: EHHADH, ECHD,

Protein Size: 723

Gene ID: 1962

NCBI Accession: [NP_001957](#)

UniProt: [Q08426](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.