

Datasheet for ABIN6139920
anti-PECI/ECI2 antibody (AA 1-364)



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1 Image

Overview

Quantity:	100 µL
Target:	PECI/ECI2 (PECI)
Binding Specificity:	AA 1-364
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PECI/ECI2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-364 of human ECI2 (NP_006108.2).
Sequence:	MNRTAMRASQ KDFENSMNQV KLLKKDPGNE VKLKLYALYK QATEGPCNMP KPGVFDLINK AKWDAWNALG SLPKEAARQN YVDLVSSLSP SLESSSQVEP GTDRKSTGFE TLVVTSEDGI TKIMFNRPKK KNAINTEMYH EIMRALKAAS KDDSIITVLT GNGDYSSGN DLTNFTDIPP GGVEEKAKNN AVLLREFVGC FIDFPKPLIA VVNGPAVGIS VTLLGLFDAV YASDRATFHT PFSHLGQSPE GCSSYTFPKI MSPAKATEML IFGKKL TAGE ACAQGLVTEV FPDSTFQKEV WTRLKAFACL PPNALRISKE VIRKREREKL HAVNAEECNV LQGRWLSDEC TNAVVNFLSR KSKL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: PECl/ECI2 (PECl)

Alternative Name: ECI2 ([PECl Products](#))

Background: This gene encodes a member of the hydratase/isomerase superfamily. The protein encoded is a key mitochondrial enzyme involved in beta-oxidation of unsaturated fatty acids. It catalyzes the transformation of 3-cis and 3-trans-enoyl-CoA esters arising during the stepwise degradation of cis-, mono-, and polyunsaturated fatty acids to the 2-trans-enoyl-CoA intermediates. Alternatively spliced transcript variants have been described.,ECI2,ACBD2,DRS-1,DRS1,HCA88,PECl,dJ1013A10.3,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Cardiovascular,Lipids,Fatty Acids,ECI2

Molecular Weight: 39 kDa/43 kDa

Gene ID: 10455

UniProt: [O75521](#)

Application Details

Application Notes: WB,1:1000 - 1:2000

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

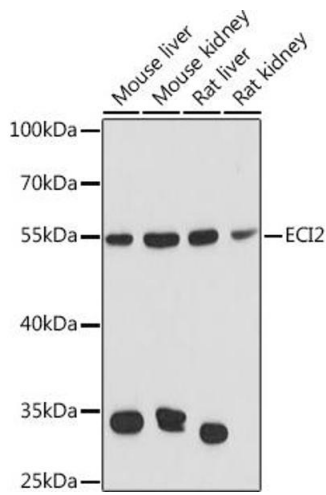
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ECI2 Rabbit pAb at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.