

Datasheet for ABIN2788409
anti-MCEE antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	MCEE
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Pig, Rabbit, Zebrafish (Danio rerio), Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCEE antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human MCEE
Sequence:	DSPIAGFLQK NKAGGMHHIC IEVDNINAAV MDLKKKKIRS LSEEVKIGAH
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against MCEE. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MCEE
Alternative Name:	MCEE (MCEE Products)

Target Details

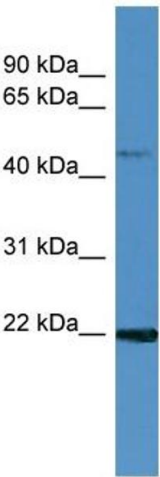
Background:	MCEE catalyzes the interconversion of D- and L-methylmalonyl-CoA during the degradation of branched chain amino acids, odd chain-length fatty acids, and other metabolites. Mutations in this gene result in methylmalonyl-CoA epimerase deficiency, which is presented as mild to moderate methylmalonic aciduria. Alias Symbols: GLOD2 Protein Interaction Partner: CMTM5, AGTRAP, APP, Protein Size: 176
Molecular Weight:	19 kDa
Gene ID:	84693
NCBI Accession:	NM_032601 , NP_115990
UniProt:	Q96PE7
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 176 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
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.
Handling Advice:	Avoid repeated freeze-thaw cycles.
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.



Western Blotting

Image 1.