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Datasheet for ABIN7142166

anti-BCKDHA antibody (AA 268-407)

2 Images



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Overview	
Quantity:	100 μg
Target:	BCKDHA
Binding Specificity:	AA 268-407
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCKDHA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	Recombinant Human 2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial protein (268-407AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified
Target Details	
Target:	BCKDHA
Alternative Name:	BCKDHA (BCKDHA Products)
Background:	Background: The branched-chain alpha-keto dehydrogenase complex catalyzes the overall

conversion of alpha-keto acids to acyl-CoA and CO(2). It contains multiple copies of three enzymatic components: branched-chain alpha-keto acid decarboxylase (E1), lipoamide acyltransferase (E2) and lipoamide dehydrogenase (E3).

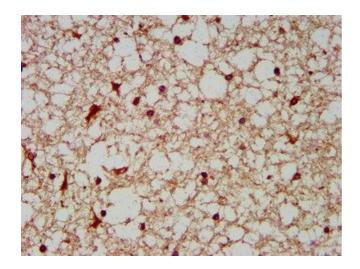
Aliases: Branched chain alpha keto acid dehydrogenase E1 component alpha polypeptide antibody, FLJ45695 antibody, OVD1A antibody, 2 oxoisovalerate dehydrogenase (lipoamide) antibody, 2 oxoisovalerate dehydrogenase subunit alpha, mitochondrial antibody, 2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial antibody, BCKDE1A antibody, BCKDH E1 alpha antibody, BCKDH E1-alpha antibody, BCKDHA antibody, Branched chain alpha keto acid dehydrogenase E1 component alpha chain antibody, Branched chain keto acid dehydrogenase E1 alpha polypeptide antibody, Branched chain keto acid dehydrogenase E1, alpha polypeptide (maple syrup urine disease) antibody, Branched-chain alpha-keto acid dehydrogenase E1 component alpha chain antibody, MSU antibody, MSUD1 antibody, ODBA_HUMAN antibody

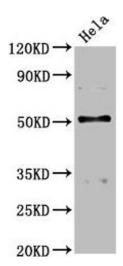
UniProt:

P12694

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





Immunohistochemistry

Image 1. IHC image of ABIN7142166 diluted at 1:200 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Western Blotting

Image 2. Western Blot Positive WB detected in: Hela whole cell lysate All lanes: BCKDHA antibody at 4.58 μg/mL Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 51 kDa Observed band size: 51 kDa