

ECA39 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A13872	Rabbit	1 mg/ml	42952

Applications	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat
Dilution	WB: 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000. Not yet tested in other applications.
Storage	-20°C/1 year
Specificity	ECA39 Polyclonal Antibody detects endogenous levels of ECA39 protein.
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human BCAT1. AA range:231-280
Uniprot No	P54687
Alternative names	BCAT1; BCT1; ECA39; Branched-chain-amino-acid aminotransferase, cytosolic; BCAT(c); Protein ECA39
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
Background	branched chain amino acid transaminase 1(BCAT1) Homo sapiens This gene encodes the cytosolic form of the enzyme branched-chain amino acid transaminase. This enzyme catalyzes the reversible transamination of branched-chain alpha-keto acids to branched-chain L-amino acids essential for cell growth. Two different clinical disorders have been attributed to a defect of branched-chain amino acid transamination: hypervalinemia and hyperleucine-isoleucinemia. As there is also a gene encoding a mitochondrial form of this enzyme, mutations in either gene may contribute to these disorders. Alternatively spliced transcript variants have been described. [provided by RefSeq, May 2010],
Other	BCAT1, Branched-chain-amino-acid aminotransferase, cytosolic

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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