

ODB2 rabbit pAb

Catalog No :	YT8135
Reactivity :	Human;Mouse
Applications :	IHC;WB
Target :	DBT
Gene Name :	DBT BCATE2
Protein Name :	Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial (EC 2.3.1.168) (Branched-chain alpha-keto acid dehydrogenase complex component E2) (BCKAD-E2)
Human Gene Id :	1629
Human Swiss Prot No :	P11182
Mouse Gene Id :	13171
Mouse Swiss Prot No :	P53395
Immunogen :	Synthesized peptide derived from human C-terminal ODB2
Specificity :	This antibody detects endogenous levels of ODB2 at Human, Mouse
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 53kD

Function : 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). Within this complex, the catalytic function of this enzyme is to accept, and to transfer to coenzyme A, acyl groups that are generated by the branched-chain alpha-keto acid decarboxylase component.

Subcellular Location : Mitochondrion matrix.

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