



CRAT Mouse mAb

Catalog No	YP-mAb-18763
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CRAT CAT1
Immunogen	Synthesized peptide derived from human CRAT
Specificity	This antibody detects endogenous levels of CRAT at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CAT;CAT1;NBIA8;CRAT;CRAT CAT1;Carnitine O-acetyltransferase (Carnitine acetylase) (Carnitine acetyltransferase) (CAT) (CrAT)
Observed Band	68kDa
Calculated Molecular Weight	71kDa
Cell Pathway	Endoplasmic reticulum . Peroxisome . Mitochondrion inner membrane ; Peripheral membrane protein ; Matrix side .; [Isoform 1]: Mitochondrion .; [Isoform 2]: Peroxisome .
Tissue Specificity	Mostly in skeletal muscle, less in heart, liver and pancreas, only weakly detectable in brain, placenta, lung and kidney.
Function	Catalyzes the reversible transfer of acyl groups from carnitine to coenzyme A (CoA) and regulates the acyl-CoA/CoA ratio. Also plays a crucial role in the transport of fatty acids for beta-oxidation . Responsible for the synthesis of short- and branched-chain acylcarnitines . Active towards some branched-chain amino acid oxidation pathway (BCAAO) intermediates . Trans-2-enoyl-CoAs and 2-methylacyl-CoAs are poor substrates .
Background	

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images