ACOT7 Mouse mAb

Catalog No	YP-mAb-19592
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	ACOT7 BACH
Immunogen	Synthesized peptide derived from human ACOT7. AA range:86-136
Specificity	This antibody detects endogenous levels of ACOT7 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
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	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	ACOT7 BACH;Cytosolic acyl coenzyme A thioester hydrolase (Acyl-CoA thioesterase 7) (Brain acyl-CoA hydrolase) (BACH) (CTE-IIa) (CTE-II) (Long chain acyl-CoA thioester hydrolase)
Observed Band	
Calculated Molecular Weight	40kD
Cell Pathway	[Isoform 4]: Cytoplasm , cytosol .; [Isoform 6]: Cytoplasm , cytosol .; [Isoform 1]: Mitochondrion .; [Isoform 5]: Mitochondrion .
Tissue Specificity	Isoform 4 is expressed exclusively in brain.
Function	Catalyzes the hydrolysis of acyl-CoAs into free fatty acids and coenzyme A (CoASH) , regulating their respective intracellular levels . Preferentially hydrolyzes palmitoyl-CoA , but has a broad specificity acting on other fatty acyl-CoAs with chain-lengths of C8-C18 . May play an important physiological function in brain .
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