



ATAD1 Mouse mAb

Catalog No	YP-mAb-19524
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	ATAD1 FNP001
Immunogen	Synthesized peptide derived from human ATAD1. AA range:120-190
Specificity	This antibody detects endogenous levels of ATAD1 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	ATAD1 FNP001;ATPase family AAA domain-containing protein 1 (Thorase)
Observed Band	
Calculated Molecular Weight	40kD
Cell Pathway	Mitochondrion outer membrane ; Single-pass membrane protein . Peroxisome membrane ; Single-pass membrane protein . Cell junction , synapse , postsynaptic cell membrane ; Single-pass membrane protein .
Tissue Specificity	
Function	Outer mitochondrial translocase required to remove mislocalized tail-anchored transmembrane proteins on mitochondria . Specifically recognizes and binds tail-anchored transmembrane proteins: acts as a dislocase that mediates the ATP-dependent extraction of mistargeted tail-anchored transmembrane proteins from the mitochondrion outer membrane (By similarity) . Also plays a critical role in regulating the surface expression of AMPA receptors (AMPA) , thereby regulating synaptic plasticity and learning and memory (By similarity) . Required for NMDA-stimulated AMPAR internalization and inhibition of GRIA1 and GRIA2 recycling back to the plasma membrane; these activities are ATPase-dependent (By similarity) .
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

