



ADAT1 mouse mAb

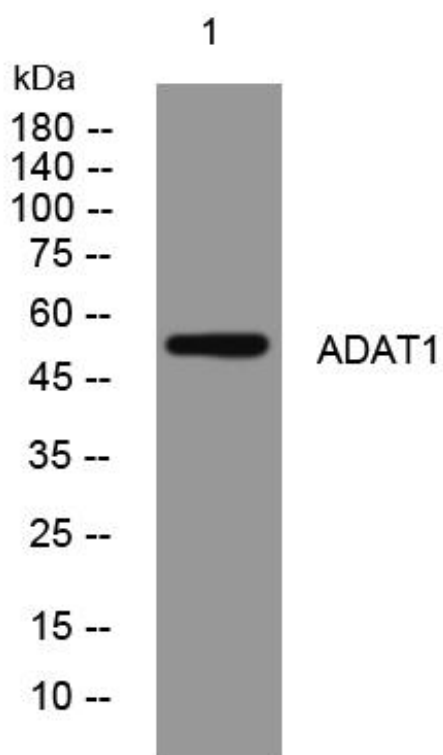
Catalog No	YP-mAb-11408
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ADAT1
Immunogen	Synthesized peptide derived from human ADAT1 AA range: 322-372
Specificity	This antibody detects endogenous levels of ADAT1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	tRNA-specific adenosine-37 deaminase;tRNA-specific adenosine deaminase 1; hADAT1;EC:3.5.4.34;ADAT 1;ADAT1
Observed Band	
Calculated Molecular Weight	
Cell Pathway	
Tissue Specificity	Ubiquitously expressed.
Function	cofactor: Binds 1 inositol hexakisphosphate (IP6) per subunit., function: Specifically deaminates adenosine-37 to inosine in tRNA-Ala., similarity: Belongs to the ADAT1 family.,similarity: Contains 1 A to I editase domain., tissue specificity: Ubiquitously expressed.,
Background	This gene is a member of the ADAR (adenosine deaminase acting on RNA) family. Using site-specific adenosine modification, proteins encoded by these genes participate in the pre-mRNA editing of nuclear transcripts. The protein encoded by this gene, tRNA-specific adenosine deaminase 1, is responsible for the deamination of adenosine 37 to inosine in eukaryotic tRNA. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2010],

**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

Western Blot analysis of various cells using ADAT1 mouse mAb