



Methionyl Aminopeptidase 1 Rabbit mAb

Catalog No	YP-rAb-17452
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	METAP1 KIAA0094
Protein Name	Methionine aminopeptidase 1 (MAP 1) (MetAP 1) (Peptidase M 1)
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	Methionyl Aminopeptidase 1;Methionine aminopeptidase 1 (MAP 1) (MetAP 1) (Peptidase M 1);AMPM1 HUMAN,MAP 1,MAP1A,MetAP 1,MetAP1A,Methionine aminopeptidase 1,Peptidase M 1,;METAP1 KIAA0094
Observed Band	42kD
Calculated Molecular Weight	42kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Bone marrow,Placenta,Testis,
Function	Catalytic activity:Release of N-terminal amino acids, preferentially methionine, from peptides and arylamides.,cofactor:Binds 1 sodium ion per subunit. The sodium ion has a structural role.,cofactor:Binds 2 cobalt ions per subunit.,cofactor:Binds 2 cobalt ions per subunit. The true nature of the physiological cofactor is under debate. The enzyme is also active with zinc, manganese or divalent iron ions.,Function:Removes the amino-terminal methionine from nascent proteins.,Function:Removes the amino-terminal methionine from nascent proteins. Required for normal progression through the cell cycle.,similarity:Belongs to the peptidase M24A family.,
Background	catalytic activity:Release of N-terminal amino acids, preferentially methionine, from peptides and arylamides.,cofactor:Binds 1 sodium ion per subunit. The sodium ion has a structural role.,cofactor:Binds 2 cobalt ions per



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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.

Western blot analysis of lysates from A375 cell, primary antibody was diluted at 1:1000, 4 ° over night, Dylight 800 secondary antibody was diluted at 1:10000, 37 ° 1hour.

