

Methionine Aminopeptidase 2 Rabbit mAb

Catalog No: #52804

Package Size: #52804-1 50ul #52804-2 100ul

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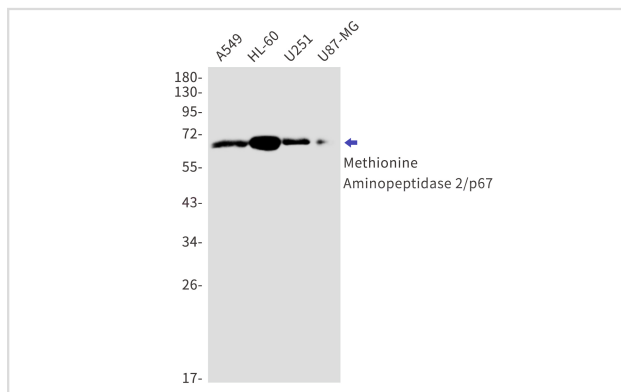
Description

Product Name	Methionine Aminopeptidase 2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-6C1
Isotype	IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human Methionine Aminopeptidase 2/p67
Conjugates	Unconjugated
Modification	Unmodification
Other Names	MAP2; MNPEP; p67eIF2
Accession No.	Swiss-Prot:P50579GenelD:10988
Calculated MW	Calculated MW:53 kDa,Observed MW:67 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of Methionine Aminopeptidase 2/p67 in A549,HL-60,U251,U87-MG cell lysates using Methionine Aminopeptidase 2/p67 Rabbit mAb(1:1000 diluted).Predicted band size:53kDa.Observed band size:67kDa.

Background

Cotranslationally removes the N-terminal methionine from nascent proteins. The N-terminal methionine is often cleaved when the second residue in the primary sequence is small and uncharged (Met-Ala-, Cys, Gly, Pro, Ser, Thr, or Val). The catalytic activity of human METAP2 toward Met-Val peptides is consistently two orders of magnitude higher than that of METAP1, suggesting that it is responsible for processing proteins containing

N-terminal Met-Val and Met-Thr sequences in vivo.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.