Methionine Aminopeptidase 2 Rabbit mAb

Catalog No: #59862

Package Size: #59862-1 50ul #59862-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Methionine Aminopeptidase 2 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	Methionine Aminopeptidase 2 Antibody detects endogenous levels of total Methionine Aminopeptidase 2
Immunogen Description	A synthesized peptide derived from human Methionine Aminopeptidase 2
Other Names	Amp2; MAP2; Metap2; MNPEP; p67; p67eIF2;
Accession No.	Uniprot:P50579
Calculated MW	Predicted band size: 53 kDa
SDS-PAGE MW	Observed band size: 67 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

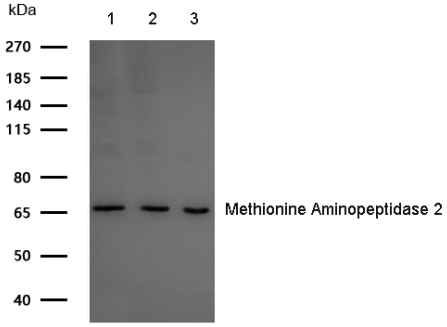
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



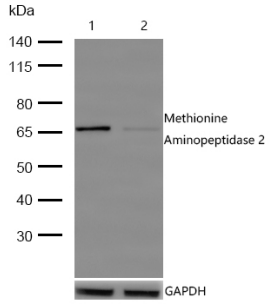
All lanes: Methionine Aminopeptidase 2 Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : JK whole cell lysates
Lane 3 :3T3 whole cell lysates
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 53 kDa
Observed band size: 67 kDa

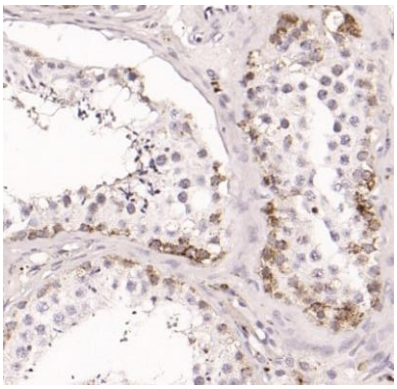
Exposure time: 5 seconds



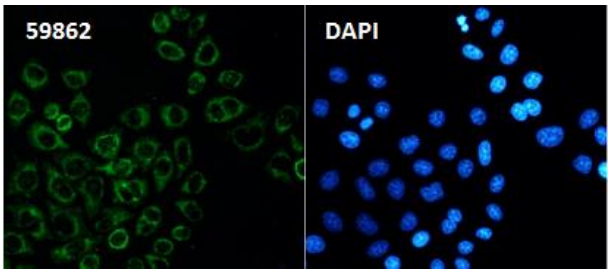
All lanes:Methionine Aminopeptidase 2 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HAP1 cell lysate
Lane 2 :Methionine Aminopeptidase 2 Rabbit mAb knockdown HAP1 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human testis tissue stained for Methionine Aminopeptidase 2 using 59862 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Methionine Aminopeptidase 2 antibody (59862)
ICC/IF staining of Methionine Aminopeptidase 2 in NIH/3T3 cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 59862 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500. Nuclei were counterstained with DAPI.

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).

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