

Methionine Aminopeptidase 2 Antibody
Rabbit mAb
Catalog # AP91959**Specification****Methionine Aminopeptidase 2 Antibody - Product Information**

Application	WB, IHC, FC, ICC
Primary Accession	P50579
Reactivity	Rat
Clonality	Monoclonal

Other Names

Amp2; MAP2; Metap2; MNPEP; p67; p67eIF2;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	52892 Da

Methionine Aminopeptidase 2 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Methionine Aminopeptidase 2
Description	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).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Methionine Aminopeptidase 2 Antibody - Protein Information**Name** METAP2 {ECO:0000255|HAMAP-Rule:MF_03175}**Synonyms** MNPEP, P67EIF2**Function**

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.

Cellular Location

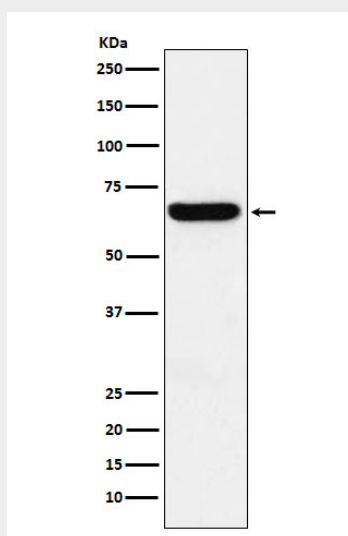
Cytoplasm {ECO:0000255|HAMAP-Rule:MF_03175, ECO:0000269|PubMed:21537465}. Note=About 30% of expressed METAP2 associates with polysomes

Methionine Aminopeptidase 2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Methionine Aminopeptidase 2 Antibody - Images



Western blot analysis of Methionine Aminopeptidase 2 expression in HeLa cell lysate.