

Anti-Methionine Aminopeptidase 2 Rabbit Monoclonal Antibody

Catalog # ABO15441

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	P50579
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Methionine Aminopeptidase 2 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	10988
Other Names	Methionine aminopeptidase 2 {ECO:0000255 HAMAP-Rule:MF_03175}, MAP 2 {ECO:0000255 HAMAP-Rule:MF_03175}, MetAP 2 {ECO:0000255 HAMAP-Rule:MF_03175}, 3.4.11.18 {ECO:0000255 HAMAP-Rule:MF_03175}, Initiation factor 2-associated 67 kDa glycoprotein {ECO:0000255 HAMAP-Rule:MF_03175}, p67 {ECO:0000255 HAMAP-Rule:MF_03175}, p67eIF2 {ECO:0000255 HAMAP-Rule:MF_03175}, Peptidase M {ECO:0000255 HAMAP-Rule:MF_03175}, METAP2 {ECO:0000255 HAMAP-Rule:MF_03175}, MNPEP, P67EIF2
Calculated MW	52892
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:100
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 20M17
Immunogen	A synthesized peptide derived from human Methionine Aminopeptidase 2
Purification	Affinity-chromatography

Storage Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

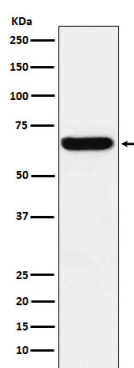
Name METAP2 {ECO:0000255 | HAMAP-Rule:MF_03175}

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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.