

KD-Validated Anti-Methionyl aminopeptidase 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1257

Product Information

Application	WB, FC, ICC
Primary Accession	P50579
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB 2565
Calculated MW	52892
Gene Name	METAP2
Aliases	METAP2; Methionyl Aminopeptidase 2; MNPEP; MAP2; P67; Initiation Factor 2-Associated 67 KDa Glycoprotein; Methionine Aminopeptidase 2; Peptidase M; P67eIF2; Testicular Tissue Protein Li 17; EIF-2-Associated P67 Homolog; Peptidase M 2; EC 3.4.11.18; P67EIF2; MetAP 2; MAP 2
Immunogen	A synthesized peptide derived from human Methionine Aminopeptidase 2

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

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

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