

Rabbit anti-Human METAP2 Polyclonal Antibody | anti-METAP2 antibody

METAP2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290173	Rabbit	Human	ELISA, Western Blot

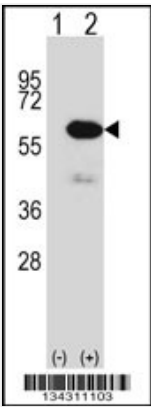
PRODUCT SYNONYMS

METAP2; Polyclonal Antibody; METAP2 Antibody (N-term); 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}; 341118 {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}; anti-METAP2 antibody

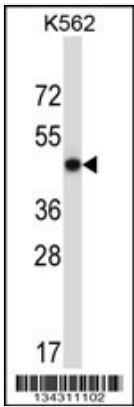
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This METAP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 33-61 amino acids from the N-terminal region of human METAP2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.49 (varies by lot)
Sequence Positions	33-61
Sequence Length	455
Applicable Applications for anti-METAP2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of METAP2 (arrow) using rabbit polyclonal METAP2 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the METAP2 gene.



WB (Western Blot)
METAP2 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the METAP2 antibody detected the METAP2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-METAP2 antibody	This gene is a member of the methionyl aminopeptidase family and encodes a protein that binds 2 cobalt or manganese ions. This protein functions both by protecting the alpha subunit of eukaryotic initiation factor 2 from inhibitory phosphorylation and by removing the amino-terminal methionine residue from nascent protein. Increased expression of this gene is associated with various forms of cancer and the anti-cancer drugs fumagillin and ovalicin inhibit the protein by irreversibly binding to its active site. A pseudogene of this gene is located on chromosome 2.
Product Categories/Family for anti-METAP2 antibody	Metabolism; Signal Transduction
References	Xiao, Q., et al. Biochemistry 49(26):5588-5599(2010) Wang, X., et al. PLoS ONE 5 (8), E11934 (2010) : Selvakumar, P., et al. Mol. Cancer 8, 65 (2009) : Warder, S.E., et al. J. Proteome Res. 7(11):4807-4820(2008) Tucker, L.A., et al. Oncogene 27(28):3967-3976(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803092
NCBI GeneID	10988
NCBI Accession #	NP_006829.1
NCBI GenBank Nucleotide #	NM_006838.3
UniProt Accession #	P50579; Q8NB11; B2RDI8; B4DUX5; G3XA91
Molecular Weight	52892
NCBI Official Full Name	methionine aminopeptidase 2
NCBI Official Synonym Full Names	methionyl aminopeptidase 2
NCBI Official Symbol	METAP2
NCBI Official Synonym Symbols	p67; MAP2; MNPEP; p67eIF2
NCBI Protein Information	methionine aminopeptidase 2

UniProt Protein Name	Methionine aminopeptidase 2
UniProt Gene Name	METAP2
UniProt Synonym Gene Names	MAP 2; MetAP 2; p67; p67eIF2
UniProt Entry Name	MAP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/metap2-antibody-western-blot-elisa/290173>