

## METAP2 Antibody (N-term)

Catalog_no :	AB1344
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:33-61
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.
Dilution :	WB,1:1000;WB,1:1000;
Purification :	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.
Other_name :	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}
Isotype :	Rabbit Ig
Background :	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.
reference :	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):3