

Rabbit anti-Human, Mouse METAP1 Polyclonal Antibody | anti-METAP1 antibody

Rabbit anti-METAP1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213335	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

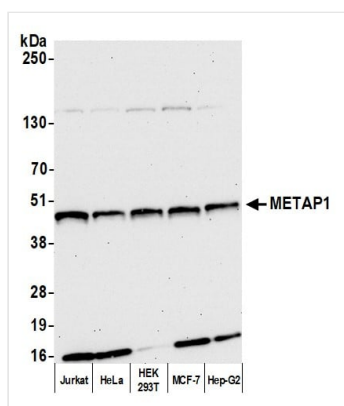
PRODUCT SYNONYMS

METAP1; Polyclonal Antibody; Rabbit anti-METAP1 Antibody; Affinity Purified; MetAP1A; methionine aminopeptidase 1; metAP 1; MAP1A; MAP 1; peptidase M 1; Methionine aminopeptidase 1; methionyl aminopeptidase 1; anti-METAP1 antibody

PRODUCT SPECIFICATIONS

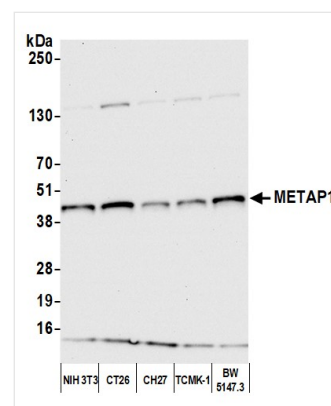
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-METAP1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 336 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



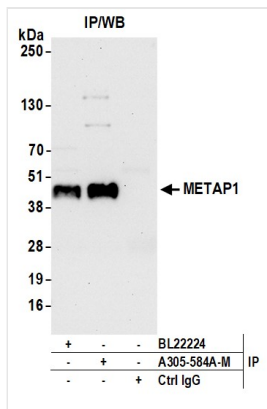
WB (Western Blot)

Detection of human METAP1 by western blot. Samples: Whole cell lysate (10 ug) from Jurkat, HeLa, HEK293T, MCF-7, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-METAP1 antibody (AAA213335 lot 2) used for WB at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



WB (Western Blot)

Detection of mouse METAP1 by western blot. Samples: Whole cell lysate (10 ug) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-METAP1 antibody (AAA213335 lot 2) used for WB at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human METAP1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-METAP1 antibody (AAA213335 lot 2) used for IP at 2 ug per reaction. METAP1 was also immunoprecipitated by rabbit anti-METAP1 antibody (BL22224). For blotting immunoprecipitated METAP1, AAA213335 was used at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-METAP1 antibody	Methionine aminopeptidase 1 (METAP1) 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). It is required for normal progression through the cell cycle [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P53582].
Product Categories/Family for anti-METAP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	164420681
NCBI GeneID	23173
NCBI Accession #	NP_055958.2
NCBI GenBank Nucleotide #	NM_015143.2
UniProt Accession #	P53582 ; B4E2E6
Molecular Weight	43,215 Da
NCBI Official Full Name	methionine aminopeptidase 1
NCBI Official Synonym Full Names	methionyl aminopeptidase 1
NCBI Official Symbol	METAP1
NCBI Official Synonym Symbols	MAP1A; MetAP1A
NCBI Protein Information	methionine aminopeptidase 1; MAP 1; metAP 1; peptidase M 1
UniProt Protein Name	Methionine aminopeptidase 1
UniProt Gene Name	METAP1
UniProt Entry Name	MAP11_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.