

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

METAP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234415	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

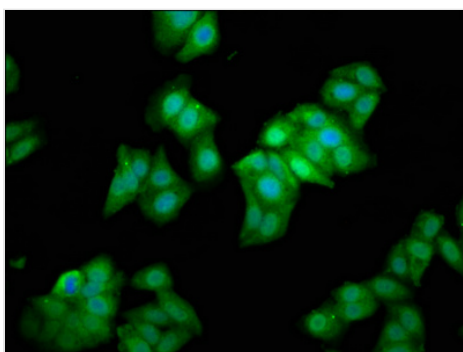
PRODUCT SYNONYMS

METAP1; Polyclonal Antibody; METAP1 Antibody; Methionine aminopeptidase 1; Peptidase M 1; KIAA0094; anti-METAP1 antibody

PRODUCT SPECIFICATIONS

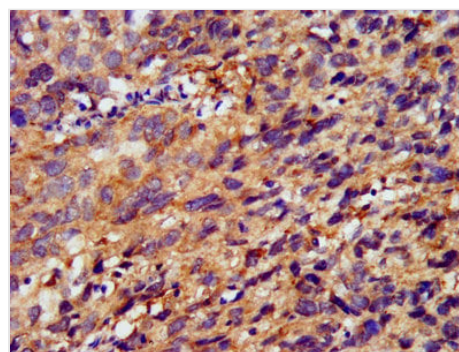
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	386
Applicable Applications for anti-METAP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Methionine aminopeptidase 1 protein (54-125AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



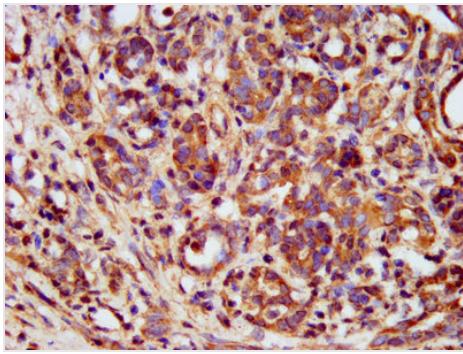
IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234415 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



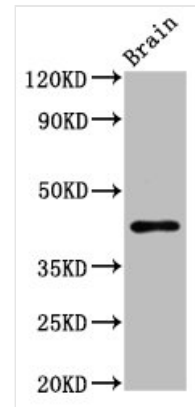
IHC (Immunohistochemistry)

IHC image of AAA234415 diluted at 1:400 and staining in paraffin-embedded human ovarian cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234415 diluted at 1:400 and staining in paraffin-embedded human pancreatic cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: Rat brain tissue All lanes: METAP1 antibody at 6.2ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 44 KDa Observed band size: 44 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-METAP1 antibody	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). Required for normal progression through the cell cycle.
Product Categories/Family for anti-METAP1 antibody	Metabolism; Signal Transduction

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
UniProt Protein Name	Methionine aminopeptidase 1
UniProt Gene Name	METAP1
UniProt Synonym Gene Names	KIAA0094; MAP 1; MetAP 1

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://www.aaabiotech.com/polyclonal/metap1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234415>