

Rabbit METAP1D Polyclonal Antibody | anti-METAP1D antibody

Anti-METAP1D Antibody Picoband

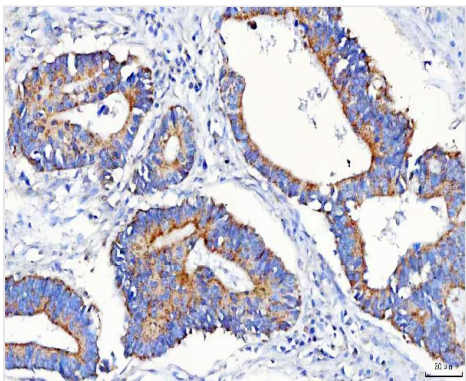
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA127738	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

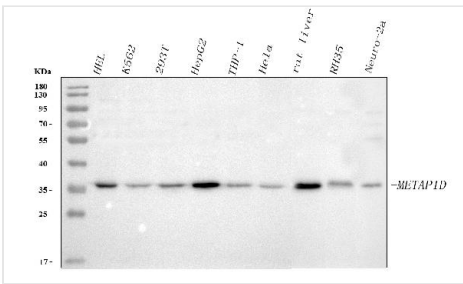
METAP1D; Polyclonal Antibody; Anti-METAP1D Antibody Picoband; solute carrier family 2 member 6; Solute carrier family 2; facilitated glucose transporter member 6; Glucose transporter type 6; GLUT-6; Glucose transporter type 9; GLUT-9; SLC2A6; GLUT9; anti-METAP1D antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Highly Expressed in brain, spleen and peripheral blood leukocytes.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-METAP1D antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E coli-derived human METAP1D recombinant protein (Position: Q36-A335).
Subcellular Localization	Cell membrane. Multi-pass membrane protein
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Cross Reactivity	No cross-reactivity with other proteins.
Protein Function	Facilitative glucose transporter; binds cytochalasin B with low affinity.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Figure 2. IHC analysis of METAP1D using anti-METAP1D antibody (AAA127738).METAP1D was detected in a paraffin-embedded section of human colorectal adenocarcinoma tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-METAP1D Antibody (AAA127738) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



WB (Western Blot)
Figure 1. Western blot analysis of METAP1D using anti-METAP1D antibody (AAA127738).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human HEL whole cell lysates,Lane 2: human K562 whole cell lysates,Lane 3: human 293T whole cell lysates,Lane 4: human HepG2 whole cell lysates,Lane 5: human THP-1 whole cell lysates,Lane 6: human HeLa whole cell lysates,Lane 7: rat liver tissue lysates,Lane 8: rat RH35 whole cell lysates,Lane 9: mouse Neuro-2a whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-METAP1D antigen affinity purified polyclonal antibody (#AAA127738) at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for METAP1D at approximately 37 kDa. The expected band size for METAP1D is at 37 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-METAP1D antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-METAP1D antibody	Primary Antibodies; Cancer; Channels; Metabolism; Plasma Membrane; Signal Transduction
References	1. Serero, A., Giglione, C., Sardin, A., Martinez-Sanz, J., Meinel, T. An unusual peptide deformylase features in the human mitochondrial N-terminal methionine excision pathway. J. Biol. Chem. 278: 52953-52963, 2003.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40385867
NCBI GeneID	254042
NCBI Accession #	NP_954697.1
NCBI GenBank Nucleotide #	NM_199227.1
UniProt Accession #	Q6UB28; Q1WNX3
Molecular Weight	37,088 Da
NCBI Official Full Name	methionine aminopeptidase 1D, mitochondrial
NCBI Official Synonym Full Names	methionyl aminopeptidase type 1D (mitochondrial)
NCBI Official Symbol	METAP1D
NCBI Official Synonym Symbols	MAP1D; MAP 1D; Metap1I; MetAP 1D
NCBI Protein Information	methionine aminopeptidase 1D, mitochondrial; CDS of metAP-3 within PCR fragment; MAP 1D; metAP 1D; methionyl aminopeptidase type 1D, mitochondrial; peptidase M 1D
UniProt Protein Name	Methionine aminopeptidase 1D, mitochondrial

UniProt Gene Name	METAP1D
UniProt Entry Name	MAP12_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://www.aaabiotech.com/polyclonal/metap1d-antibody-immunohistochemistry-western-blot-elisa/127738>