

Rabbit MTAP Polyclonal Antibody | anti-MTAP antibody

MTAP Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279604	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

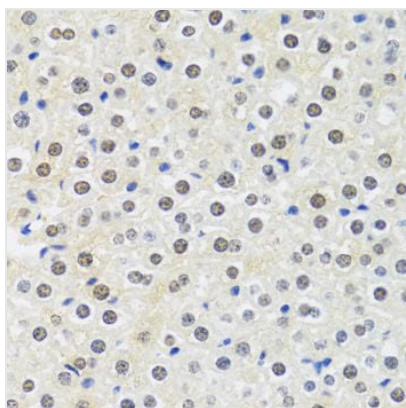
PRODUCT SYNONYMS

MTAP; Polyclonal Antibody; MTAP Polyclonal Antibody; MSAP; c86fus; anti-MTAP antibody

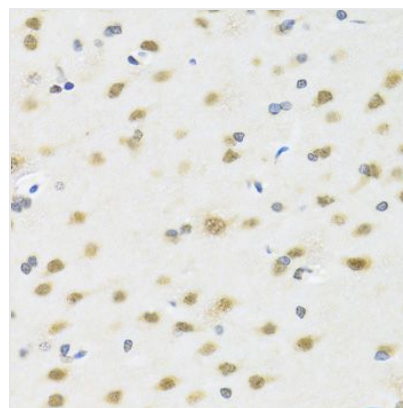
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	283
Applicable Applications for anti-MTAP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MTAP
Calculated Molecular Weight	31kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

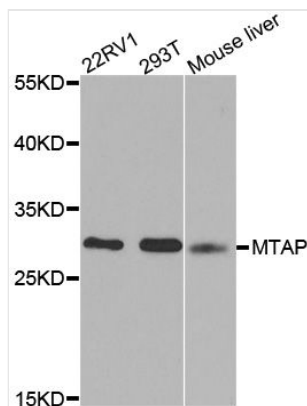
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using MTAP antibody at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using MTAP antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MTAP antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-MTAP antibody	MTAP is an enzyme that is essential for the salvage pathway for both adenine and methionine synthesis. MTAP catalyzes the cleavage of 5'-methylthioadenosine into adenine and 5-methylthio-D-ribose-1-phosphate. Adenine is then used to generate AMP whereas 5-methylthio-D-ribose-1-phosphate is converted into methionine (1,2). MTAP is expressed in all normal cells and tissues, although frequently lost in different human tumors including pancreatic adenocarcinoma, neuroendocrine tumors, non-small cell lung carcinoma and breast carcinoma. MTAP is usually codeleted with p16 (cdkN2a/ARF) (3-5). MTAP overexpression in breast cancer cells inhibits their ability to form colonies in soft agar, thereby implicating its function as a tumor suppressor (6).
Product Categories/Family for anti-MTAP antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	143811423
NCBI GeneID	4507
UniProt Accession #	Q13126; Q5T3P3; Q9H010; I2G7M5; I2G7M6; I2G7M7; I2G7M8; I2G7M9; I2G7N0
Molecular Weight	283
NCBI Official Full Name	S-methyl-5'-thioadenosine phosphorylase
NCBI Official Synonym Full Names	methylthioadenosine phosphorylase
NCBI Official Symbol	MTAP
NCBI Official Synonym Symbols	BDMF; MSAP; DMSFH; LGMBF; DMSMFH; c86fus; HEL-249
NCBI Protein Information	S-methyl-5'-thioadenosine phosphorylase; MTAP; MTAPase; MTA phosphorylase; MeSAdo phosphorylase; epididymis luminal protein 249; 5'-methylthioadenosine phosphorylase
UniProt Protein Name	S-methyl-5'-thioadenosine phosphorylase
UniProt Gene Name	MTAP
UniProt Entry Name	MTAP_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/mtap-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279604>