

Rabbit anti-Human MTAP Polyclonal Antibody | anti-MTAP antibody

MTAP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305103	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

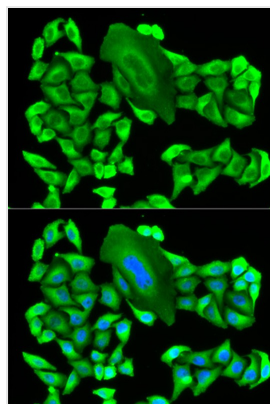
PRODUCT SYNONYMS

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

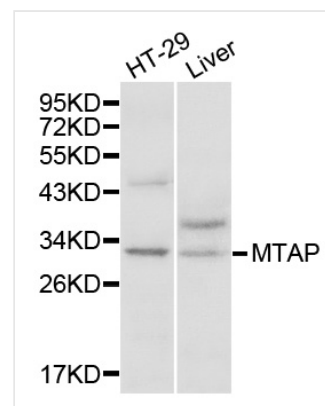
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MTAP protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	283
Applicable Applications for anti-MTAP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human MTAP.
Target Name	MTAP
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using MTAP antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of HT-29 cell and liver cell lysate using MTAP antibody.

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 5i ⁻ -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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	47132622
NCBI GeneID	4507
NCBI Accession #	NP_002442.2
NCBI GenBank Nucleotide #	NM_002451.3
UniProt Accession #	Q13126; Q5T3P3; Q9H010; I2G7M5; I2G7M6; I2G7M7; I2G7M8; I2G7M9; I2G7N0
Molecular Weight	26,278 Da
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
UniProt Protein Name	S-methyl-5'-thioadenosine phosphorylase
UniProt Gene Name	MTAP
UniProt Synonym Gene Names	MTA phosphorylase; MTAP; MTAPase
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mtap-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305103>