

Rabbit MTIF2 Polyclonal Antibody | anti-MTIF2 antibody

MTIF2 Rabbit Polyclonal Antibody

CATALOG # AAA30642	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

MTIF2; Polyclonal Antibody; MTIF2 Rabbit Polyclonal Antibody; anti-MTIF2 antibody

PRODUCT SPECIFICATIONS

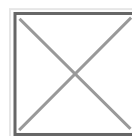
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-MTIF2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100 IF: 1:50-1:100
Immunogen	Recombinant fusion protein of human MTIF2 (NP_002444.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



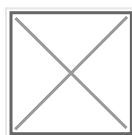
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using MTIF2 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



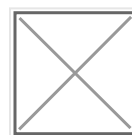
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using MTIF2 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using MTIF2 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using MTIF2 at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human lung cancer using MTIF2 at dilution of 1:100 (40x lens).

**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using MTIF2 at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MTIF2 antibody	During the initiation of protein biosynthesis, initiation factor-2 (IF-2) promotes the binding of the initiator tRNA to the small subunit of the ribosome in a GTP-dependent manner. Prokaryotic IF-2 is a single polypeptide, while eukaryotic cytoplasmic IF-2 (eIF-2) is a trimeric protein. Bovine liver mitochondria contain IF-2(mt), an 85-kD monomeric protein that is equivalent to prokaryotic IF-2. The predicted 727-amino acid human protein contains a 29-amino acid presequence. Human IF-2(mt) shares 32 to 38% amino acid sequence identity with yeast IF-2(mt) and several prokaryotic IF-2s, with the greatest degree of conservation in the G domains of the proteins.
Product Categories/Family for anti-MTIF2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	53729337
NCBI GeneID	4528
NCBI Accession #	NP_002444.2
NCBI GenBank Nucleotide #	NM_002453.2
UniProt Accession #	P46199 ; D6W5D0
Molecular Weight	81,317 Da
NCBI Official Full Name	translation initiation factor IF-2, mitochondrial
NCBI Official Synonym Full Names	mitochondrial translational initiation factor 2
NCBI Official Symbol	MTIF2
NCBI Protein Information	translation initiation factor IF-2, mitochondrial; IF-2mt; IF2(mt); IF-2(Mt)
UniProt Protein Name	Translation initiation factor IF-2, mitochondrial
UniProt Gene Name	MTIF2
UniProt Synonym Gene Names	IF-2(Mt); IF-2Mt; IF2(mt)
UniProt Entry Name	IF2M_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/mtif2-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30642>