

Rabbit anti-Human, Mouse MTERFD1 Polyclonal Antibody | anti-MTERFD1 antibody

MTERFD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40672	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

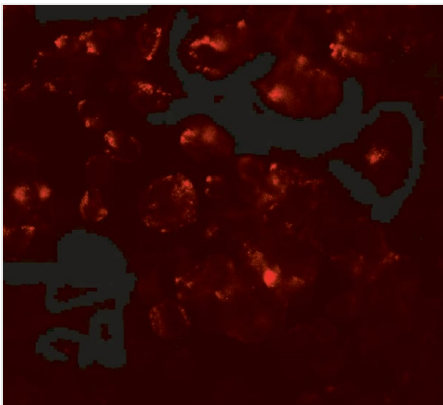
PRODUCT SYNONYMS

MTERFD1; Polyclonal Antibody; MTERFD1 Antibody; CGI-12; mTERF3; mTERF domain-containing protein 1; mitochondrial; Mitochondrial transcription termination factor 3; MTERF domain containing 1; anti-MTERFD1 antibody

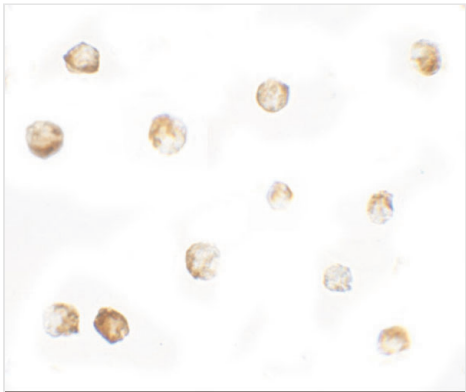
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of MTERFD1 are known to exist. MTERFD1 antibody is predicted to not cross-react with other MTERFD protein family members.
Purity/Purification	MTERFD1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	417
Applicable Applications for anti-MTERFD1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	MTERFD1 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human MTERFD1.
Buffer	MTERFD1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	MTERFD1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

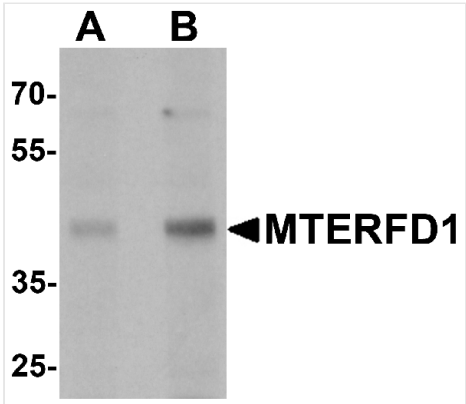
IMAGES



IF (Immunofluorescence)
Immunofluorescence of MTERFD1 in 3T3 cells with MTERFD1 antibody at 20 μ g/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of MTERFD1 in 3T3 cells with MTERFD1 antibody at 5 μ g/mL.



WB (Western Blot)
Western blot analysis of MTERFD1 in 3T3 cell lysate with MTERFD1 antibody at (A) 1 and (B) 2 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-MTERFD1 antibody	MTERFD1 Antibody: Members of the mTERF (mitochondrial transcription termination factor) family, are mitochondrial proteins that are believed to be transcription termination factors. MTERFD1 is composed of three leucine zippers that form a three-stranded coiled-coil that binds to DNA. It binds promoter DNA and acts as a mitochondrial transcription regulator. It has been suggested that only the phosphorylated form of MTERFD1 has transcription termination activity. A closely related mTERF family member, MTERFD3, is believed to be involved in cell cycle regulation and cell growth by modulating mitochondrial transcription.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34147676
NCBI GeneID	51001
NCBI Accession #	NP_057026
NCBI GenBank Nucleotide #	NM_015942.4
UniProt Accession #	Q96E29; Q9Y301; B3KMG6; G3V130
Molecular Weight	Predicted: 46 kDa Observed: 42 kDa
NCBI Official Full Name	transcription termination factor 3, mitochondrial isoform 1

NCBI Official Synonym Full Names	mitochondrial transcription termination factor 3
NCBI Official Symbol	MTERF3
NCBI Official Synonym Symbols	CGI-12; MTERFD1
NCBI Protein Information	transcription termination factor 3, mitochondrial; MTERF domain containing 1; mTERF domain-containing protein 1, mitochondrial
UniProt Protein Name	Transcription termination factor 3, mitochondrial
UniProt Gene Name	MTERF3
UniProt Synonym Gene Names	MTERFD1; mTERF3
UniProt Entry Name	MTEF3_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/mterfd1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40672>