BOSTER BIOLOGICAL TECHNOLOGY
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Anti-MTERFD1 MTERF3 Antibody

Catalog Number: A10983

About MTERFD1

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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Overview

Product Name	Anti-MTERFD1 MTERF3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-MTERFD1 MTERF3 Antibody (Catalog # A10983). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	MTERFD1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	MTERFD1 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q96E29

Technical Details

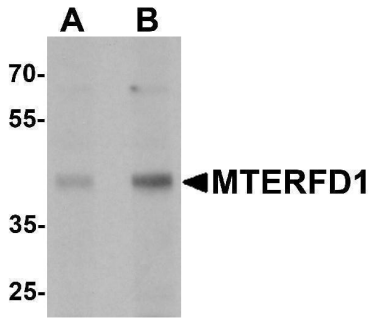
Immunogen	MTERFD1 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human MTERFD1 . The immunogen is located within the last 50 amino acids of MTERFD1.
Predicted Reactive Species	Chicken, Rat
Cross Reactivity	At least three isoforms of MTERFD1 are known to exist. MTERFD1 antibody is predicted to not cross-react with other MTERFD protein family members.

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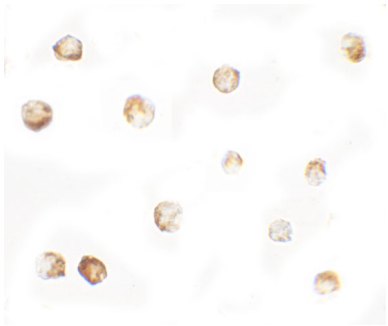
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	MTERFD1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	MTERFD1 Antibody can be used for detection of MTERFD1 by Western blot starting at 1 ug/mL. Antibody can also be used for Immunocytochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunocytochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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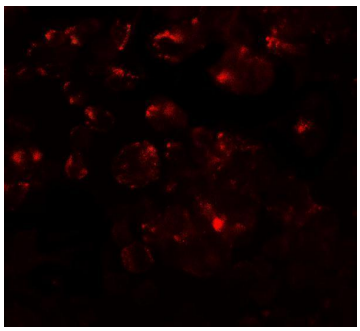
Anti-MTERFD1 MTERF3 Antibody (A10983) Images



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



Immunocytochemistry of MTERFD1 in 3T3 cells with MTERFD1 antibody at 5 ug/mL.



Immunofluorescence of MTERFD1 in 3T3 cells with MTERFD1 antibody at 20 ug/mL.

Anti-MTERFD1 MTERF3 Antibody

For Research Use Only. Not for use in diagnostic procedures.