

Anti-MTERFD2 MTERF4 Antibody

Catalog Number: A10646

About MTERFD2

Members of the mTERF (mitochondrial transcription termination factor) family, are mitochondrial proteins that are believed to be transcription termination factors. MTERFD2 is targeted to the mitochondria and is ubiquitously expressed, with highest expression levels in fore- and midbrain, diencephalon, spinal cord, tongue, lung liver and kidney. MTERFD2 has been suggested to play a role in organ differentiation during embryogenesis. A closely related mTERF family member, MTERFD3, is believed to be involved in cell cycle regulation and cell growth by modulating mitochondrial transcription.

Overview

Product Name	Anti-MTERFD2 MTERF4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MTERFD2 MTERF4 Antibody (Catalog # A10646). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	MTERFD2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	MTERFD2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q7Z6M4

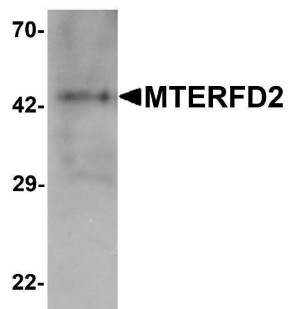
Technical Details

Immunogen	MTERFD2 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human MTERFD2. The immunogen is located within amino acids 260 - 310 of MTERFD2.
Predicted Reactive Species	Bovine
Cross Reactivity	At least three isoforms of MTERFD2 are known to exist. MTERFD2 antibody is predicted to not cross-react with other MTERFD protein family members.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	MTERFD2 Antibody is affinity chromatography purified via peptide column.

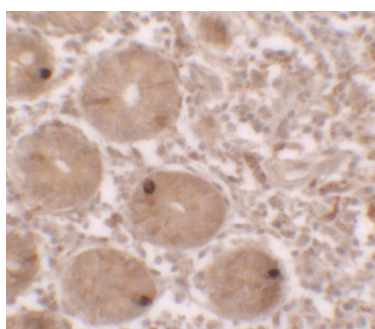
Suggested Dilutions

MTERFD2 Antibody can be used for detection of MTERFD2 by Western blot at 1 ug/mL.
Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

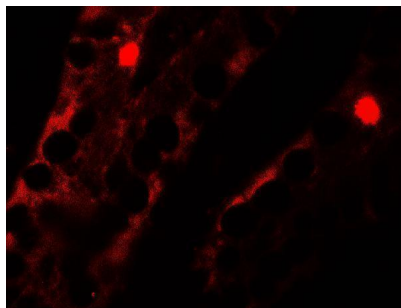
Anti-MTERFD2 MTERF4 Antibody (A10646) Images



Western blot analysis of MTERFD2 in human small intestine tissue lysate with MTERFD2 antibody at 1 ug/mL.



Immunohistochemistry of MTERFD2 in human small intestine tissue with MTERFD2 antibody at 2.5 ug/ml.



Immunofluorescence of MTERFD2 in human small intestine tissue with MTERFD2 antibody at 20 ug/ml.

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Anti-MTERFD2 MTERF4 Antibody

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