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Datasheet for ABIN5690060
anti-MTERFD2 antibody (AA 260-310)

Overview

Quantity:	0.1 mg
Target:	MTERFD2
Binding Specificity:	AA 260-310
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Isotype:	IgG
Specificity:	At least three isoforms of MTERFD2 are known to exist. MTERFD2 antibody is predicted to not cross-react with other MTERFD protein family members.
Purification:	MTERFD2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	MTERFD2
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Target Details

Alternative Name:	MTERFD2 (MTERFD2 Products)
Background:	<p>MTERFD2 Antibody: 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.</p>
Molecular Weight:	Predicted: 42 kDa Observed: 44 kDa
Gene ID:	130916
NCBI Accession:	NP_872307
UniProt:	Q7Z6M4

Application Details

Application Notes:	MTERFD2 Antibody can be used for detection of MTERFD2 by Western blot at 1 µg/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	MTERFD2 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	MTERFD2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.