

DATASHEET

THAP11 Mouse Monoclonal Antibody(C3970)

CAT. NO. AMA03582

KEY FEATURES

Target	THAP11	Source / Host	Mouse
Reactivity	Human, Mouse	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgM. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Transcription factor, which has both transcriptional activation and repression activities . Also modulates chromatin accessibility . In complex with HCFC1 and ZNF143, regulates the expression of several genes, including AP2S1, ESCO2, OPHN1, RBL1, UBXN8 and ZNF32 . May regulate the expression of genes that encode both cytoplasmic and mitochondrial ribosomal proteins . Required for normal mitochondrial development and function. Regulates mitochondrial gene expression, including that of components of the electron transport chain . Involved in the maintainance of pluripotency in early embryonic cells, possibly through its action on mitochondrial maturation which is required to meet high energy demands of these cells .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

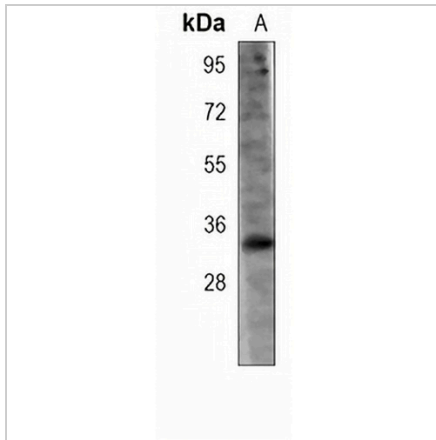
Description	Mouse monoclonal antibody to THAP11
Specificity	Recognizes endogenous levels of THAP11 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human THAP11. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 34 kD; Observed: 34 kD
Form/Buffer	Mouse IgM. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	THAP domain-containing protein 11
Gene Symbol	THAP11
Entrez Gene	57215(Human); 59016(Mouse)
SwissProt	Q96EK4(Human); Q9JJD0(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of THAP11 expression in HepG2 (A) whole cell lysates. (Predicted band size: 34 kD; Observed band size: 34 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.