

THAP11 Antibody (Center)

Mouse Monoclonal Antibody (Mab)
Catalog # AM1984b

Specification

THAP11 Antibody (Center) - Product Information

Application WB,E
Primary Accession O96EK4

Other Accession A5PKF5, NP_065190.2
Reactivity Human, Mouse

Predicted Bovine
Host Mouse
Clonality Monoclonal

Isotype IgM
Calculated MW 34455
Antigen Region 165-193

THAP11 Antibody (Center) - Additional Information

Gene ID 57215

Other Names

THAP domain-containing protein 11, THAP11

Target/Specificity

This THAP11 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 165-193 amino acids from the Central region of human THAP11.

Dilution

WB~~1:500~1000

Format

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

THAP11 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

THAP11 Antibody (Center) - Protein Information

Name THAP11

Function Transcriptional repressor that plays a central role for embryogenesis and the



pluripotency of embryonic stem (ES) cells. Sequence-specific DNA-binding factor that represses gene expression in pluripotent ES cells by directly binding to key genetic loci and recruiting epigenetic modifiers (By similarity).

Cellular Location

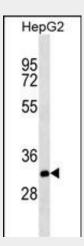
Nucleus. Cytoplasm. Note=May be regulated by shuttling of the protein between the cytoplasm and nucleus.

THAP11 Antibody (Center) - Protocols

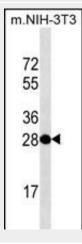
Provided below are standard protocols that you may find useful for product applications.

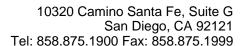
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

THAP11 Antibody (Center) - Images



THAP11 Antibody (Center) (Cat. #AM1984b) western blot analysis in HepG2 cell line lysates $(35\mu g/lane)$. This demonstrates the THAP11 antibody detected the THAP11 protein (arrow).







THAP11 Antibody (Center) (Cat. #AM1984b) western blot analysis in mouse NIH-3T3 cell line lysates (35µg/lane). This demonstrates the THAP11 antibody detected the THAP11 protein (arrow).

THAP11 Antibody (Center) - Background

The protein encoded by this gene contains a THAP domain, which is a conserved DNA-binding domain that has striking similarity to the site-specific DNA-binding domain (DBD) of Drosophila P element transposases.

THAP11 Antibody (Center) - References

Zhu, C.Y., et al. Cell Death Differ. 16(3):395-405(2009) Dejosez, M., et al. Cell 133(7):1162-1174(2008) Roussigne, M., et al. Trends Biochem. Sci. 28(2):66-69(2003) Ueki, N., et al. Nat. Biotechnol. 16(13):1338-1342(1998) Li, S.H., et al. Genomics 16(3):572-579(1993)