

THAP11 / Ronin Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3028a**Specification**

THAP11 / Ronin Antibody (internal region) - Product Information

Application	E
Primary Accession	O96EK4
Other Accession	NP_065190.2 , 57215 , 59016 (mouse) , 307806 (rat)
Predicted Host	Human, Mouse, Rat, Dog
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	34455

THAP11 / Ronin Antibody (internal region) - Additional Information**Gene ID** 57215**Other Names**

THAP domain-containing protein 11, THAP11

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

THAP11 / Ronin Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

THAP11 / Ronin Antibody (internal region) - Protein Information**Name** THAP11**Function**

Transcription factor, which has both transcriptional activation and repression activities (PubMed:31905202). Also modulates chromatin accessibility (PubMed:38361031). In complex

with HCFC1 and ZNF143, regulates the expression of several genes, including AP2S1, ESCO2, OPHN1, RBL1, UBXN8 and ZNF32 (PubMed:26416877). May regulate the expression of genes that encode both cytoplasmic and mitochondrial ribosomal proteins (By similarity). Required for normal mitochondrial development and function. Regulates mitochondrial gene expression, including that of components of the electron transport chain (By similarity). Involved in the maintenance of pluripotency in early embryonic cells, possibly through its action on mitochondrial maturation which is required to meet high energy demands of these cells (By similarity). Required for early development of retina, preventing premature exit of retinal progenitor cells from the cell cycle. This effect may also be mediated by its action on mitochondria (By similarity). Through the regulation of MMACHC gene expression, controls cobalamin metabolism (PubMed:28449119, PubMed:31905202). Required for normal brain development and neural precursor differentiation (By similarity). Involved in cell growth (PubMed:31905202).

Cellular Location

Nucleus. Cytoplasm Note=In oocytes, detected in the ooplasm, without evidence of its presence in the nucleus (By similarity). Found in the nucleus of undifferentiated embryonic stem cells (PubMed:18585351). Evenly distributed between nucleus and cytoplasm in skin fibroblasts (PubMed:37148549). {ECO:0000250|UniProtKB:Q9JJD0, ECO:0000269|PubMed:18585351, ECO:0000269|PubMed:37148549}

Tissue Location

Expressed in skin fibroblasts.

THAP11 / Ronin Antibody (internal region) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

THAP11 / Ronin Antibody (internal region) - Images

THAP11 / Ronin Antibody (internal region) - References

Cell growth suppression by thanatos-associated protein 11(THAP11) is mediated by transcriptional downregulation of c-Myc. Zhu CY, Li CY, Li Y, Zhan YQ, Li YH, Xu CW, Xu WX, Sun HB, Yang XM, Cell death and differentiation 2009 Mar 16 (3): 395-405. PMID: 19008924