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Thap11 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14327

Product Information

Application	WB
Primary Accession	Q9JJD0
Other Accession	NM_021513, NP_067488
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33276

Additional Information

Gene ID	59016
Alias Symbol	2810036E22Rik, AB041579, CTG-B43a, CTG-B45d, Ronin
Other Names	THAP domain-containing protein 11, Ronin, Thap11
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Thap11 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Thap11 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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 (PubMed:18585351). Required for normal brain development and neural precursor differentiation (By similarity).
Cellular Location	Nucleus. Cytoplasm Note=In oocytes, detected in the ooplasm, without evidence of its presence in the nucleus. Found in the nucleus of undifferentiated embryonic stem cells (PubMed:18585351). Evenly distributed between nucleus and cytoplasm in skin fibroblasts (By similarity)

{ECO:0000250|UniProtKB:Q96EK4, ECO:0000269|PubMed:18585351}

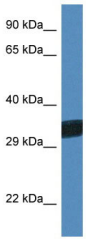
Tissue Location

Mainly expressed in embryonic pluripotent cells (PubMed:18585351). In adult tissues, expressed in oocytes and in certain regions of the brain,including hippocampus, olfactory bulb and Purkinje cells (PubMed:18585351).

References

Osada N.,et al.Submitted (APR-2000) to the EMBL/GenBank/DDBJ databases.
Carninci P.,et al.Science 309:1559-1563(2005).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Dejosez M.,et al.Cell 133:1162-1174(2008).
Dejosez M.,et al.Cell 134:692-692(2008).

Images



WB Suggested Anti-Thap11 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Pancreas

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.