

Product datasheet for **TA373395**

AKAP4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB, 1:500 - 1:2000 IF, 1:50 - 1:200
Reactivity:	Mouse, Rat, Human
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 189-340 of human AKAP4 (NP_003877.2).
Formulation:	PBS with 0.05% proclin300, 50% glycerol, pH 7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	93kDa/94kDa
Gene Name:	A-kinase anchoring protein 4
Database Link:	Entrez Gene 8852 Human Q5JQC9

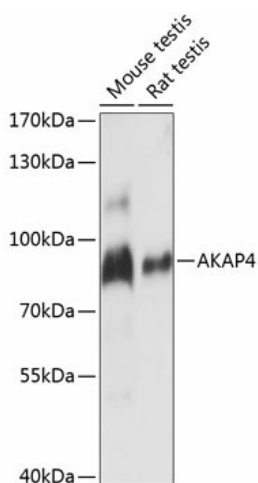
Background: The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein is localized to the sperm flagellum and may be involved in the regulation of sperm motility. Alternative splicing of this gene results in two transcript variants encoding different isoforms.



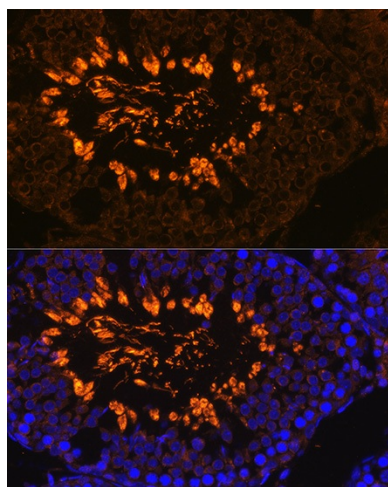
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Synonyms: AKAP82; CT99; FSC1; hAKAP82; HI; p82; PRKA4

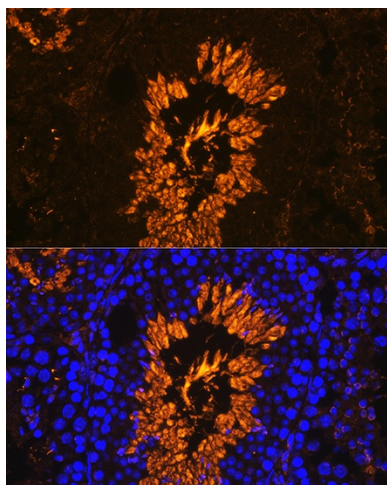
Product images:



Western blot analysis of extracts of various cell lines, using AKAP4 antibody (TA373395) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit. | Exposure time: 3s.



Immunofluorescence analysis of Rat testis using AKAP4 antibody (TA373395) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Mouse testis using AKAP4 antibody (TA373395) at dilution of 1:100. Blue: DAPI for nuclear staining.