

AKAP4 Rabbit Polyclonal Antibody



CAB14813

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

82kDa

Calculated MW:

93kDa/94kDa

Applications:

WB IF

Reactivity:

Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

8852

Uniprot

Q5JQC9

Synonyms:

AKAP4; AKAP 82; AKAP-4; AKAP82; CT99; FSC1; HI; PRKA4; hAKAP82; p82

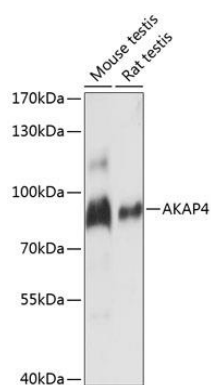
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 189-340 of human AKAP4 (NP_003877.2).

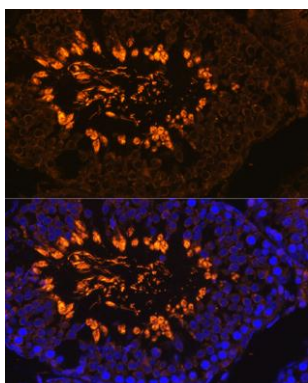
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

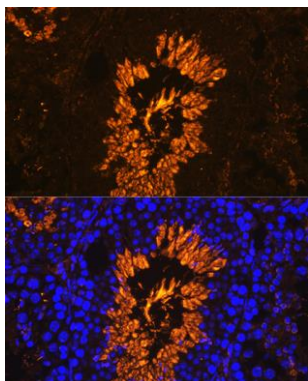
Product Images



Western blot analysis of extracts of various cell lines, using AKAP4 antibody (CAB14813) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 3s.



Immunofluorescence analysis of Rat testis using AKAP4 antibody (CAB14813) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Mouse testis using AKAP4 antibody (CAB14813) at dilution of 1:100. Blue: DAPI for nuclear staining.