

Rabbit anti-Mouse, Rat AKAP4 Polyclonal Antibody | anti-AKAP4 antibody

AKAP4 Polyclonal Antibody

CATALOG # AAA174317	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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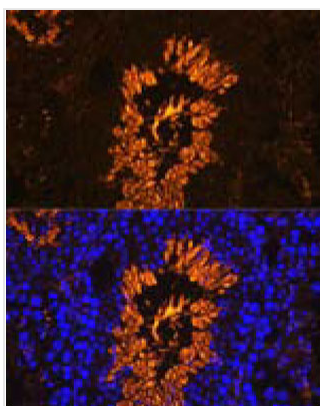
PRODUCT SYNONYMS

AKAP4; Polyclonal Antibody; AKAP4 Polyclonal Antibody; A kinase (PRKA) anchor protein 4; A kinase anchor protein 4; A kinase anchor protein 82 kDa; A-kinase anchor protein 4; A-kinase anchor protein 82 kDa; AKAP 4; AKAP 82; AKAP-4; AKAP82; FSC 1; FSC1; hAKAP 82; hAKAP82; HI; Major sperm fibrous sheath protein; p82; PRKA 4; PRKA4; Protein kinase A anchoring protein 4; Protein kinase A-anchoring protein 4; Testis specific gene HI; anti-AKAP4 antibody

PRODUCT SPECIFICATIONS

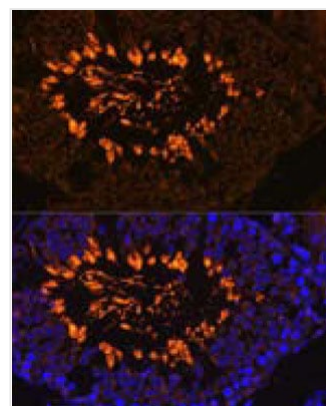
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-AKAP4 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human AKAP4 (NP_003877.2).
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



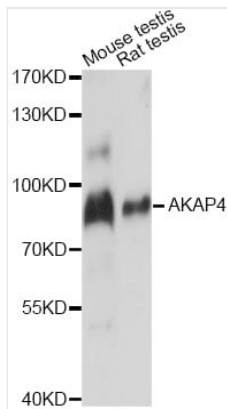
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse testis using AKAP4 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of Rat testis using AKAP4 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using AKAP4 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-AKAP4 antibody	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.
Product Categories/Family for anti-AKAP4 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	21493037
NCBI GeneID	8852
NCBI Accession #	NP_003877.2
NCBI GenBank Nucleotide #	NM_003886.3
UniProt Accession #	Q5JQC9 ; O60904 ; O95246 ; Q5JQD1 ; Q5JQD2 ; Q5JQD3 ; A0AV85
Molecular Weight	Calculated MW: 93kDa/94kDa Observed MW: 82kDa
NCBI Official Full Name	A-kinase anchor protein 4 isoform 1
NCBI Official Synonym Full Names	A-kinase anchoring protein 4
NCBI Official Symbol	AKAP4
NCBI Official Synonym Symbols	HI; p82; CT99; FSC1; PRKA4; AKAP-4; AKAP82; AKAP 82; hAKAP82
NCBI Protein Information	A-kinase anchor protein 4
UniProt Protein Name	A-kinase anchor protein 4
UniProt Gene Name	AKAP4
UniProt Synonym Gene Names	AKAP-4; AKAP 82; hAKAP82; HI; PRKA4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/akap4-antibody-immunofluorescence-western-blot-elisa/174317>