

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

AKAP4 Rabbit Polyclonal Antibody

CATALOG # AAA313542	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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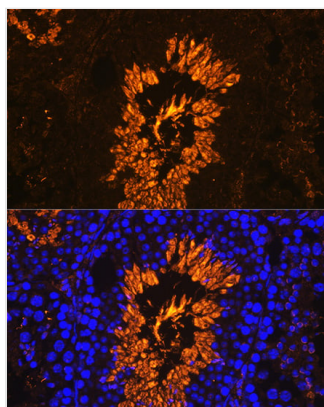
PRODUCT SYNONYMS

AKAP4; Polyclonal Antibody; AKAP4 Rabbit Polyclonal Antibody; AKAP 82; AKAP-4; AKAP82; CT99; FSC1; HI; PRKA4; hAKAP82; p82; anti-AKAP4 antibody

PRODUCT SPECIFICATIONS

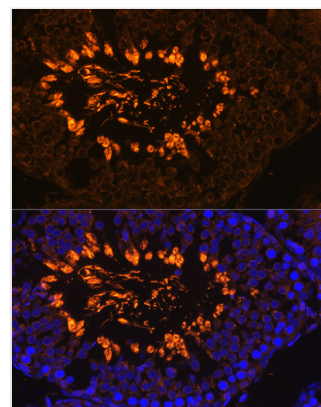
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-AKAP4 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein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

IMAGES



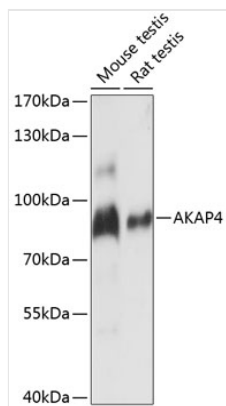
IF (Immunofluorescence)

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



IF (Immunofluorescence)

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



WB (Western Blot)

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

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	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	21493037
NCBI GeneID	8852
NCBI Accession #	NP_003877
NCBI GenBank Nucleotide #	NM_003886.2
UniProt Accession #	Q5JQC9; O60904; O95246; Q5JQD1; Q5JQD2; Q5JQD3; A0AV85
Molecular Weight	Predicted: 94 kDa Observed: 100 kDa
NCBI Official Full Name	A-kinase anchor protein 4 isoform 1
NCBI Official Synonym Full Names	A kinase (PRKA) anchor 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; AKAP4; testis-specific gene HI; cancer/testis antigen 99; A-kinase anchor protein 82 kDa; major sperm fibrous sheath protein; protein kinase A anchoring protein 4; protein kinase A-anchoring 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
UniProt Entry Name	AKAP4_HUMAN

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.

