

Rabbit AKAP3 Polyclonal Antibody | anti-AKAP3 antibody

Rabbit anti-AKAP3 Antibody

CATALOG # AAA221380	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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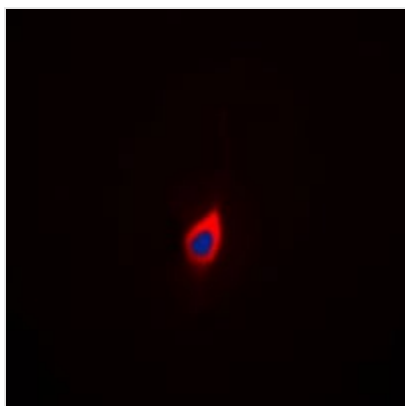
PRODUCT SYNONYMS

AKAP3; Polyclonal Antibody; Rabbit anti-AKAP3 Antibody; AKAP110; SOB1; A-kinase anchor protein 3; AKAP-3; A-kinase anchor protein 110 kDa; AKAP 110; Cancer/testis antigen 82; CT82; Fibrous sheath protein of 95 kDa; FSP95; Fibrousheathin I; Fibrousheathin-1; Protein kinase A-anchoring protein 3; PRKA3; Sperm oocyte-binding protein; anti-AKAP3 antibody

PRODUCT SPECIFICATIONS

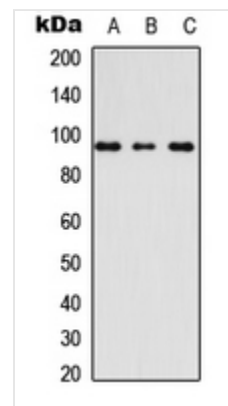
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-AKAP3 antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AKAP3. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of AKAP3 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of AKAP3 expression in Raw264.7 (A), HeLa (B), H9C2 (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AKAP3 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21493041
NCBI GeneID	10566
NCBI Accession #	NP_006413.2
NCBI GenBank Nucleotide #	NM_006422.2
UniProt Accession #	O75969; O88987
Molecular Weight	94,751 Da
NCBI Official Full Name	A-kinase anchor protein 3
NCBI Official Synonym Full Names	A kinase (PRKA) anchor protein 3
NCBI Official Symbol	AKAP3
NCBI Official Synonym Symbols	CT82; SOB1; FSP95; PRKA3; AKAP110; AKAP 110
NCBI Protein Information	A-kinase anchor protein 3; fibrousheathin I; fibrousheathin-1; cancer/testis antigen 82; sperm oocyte-binding protein 1; A-kinase anchor protein, 110kDa; Fibrous Sheath Protein of 95 kDa; protein kinase A-anchoring protein 3; protein kinase A binding prot
UniProt Protein Name	A-kinase anchor protein 3
UniProt Gene Name	AKAP3
UniProt Synonym Gene Names	AKAP110; SOB1; AKAP-3; AKAP 110; CT82; FSP95; PRKA3
UniProt Entry Name	AKAP3_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/akap3-antibody-immunochemistry-immunofluorescence-western-blot-elisa/221380>