Rabbit AKAP3 Polyclonal Antibody | anti-AKAP3 antibody

Anti-AKAP3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259657	**Rabbit**	**Human, Mouse, Rat**	**Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

AKAP3; Polyclonal Antibody; 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
Specificity	Recognizes endogenous levels of AKAP3 protein.
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.
Sequence Length	853
Applicable Applications for anti-AKAP3 antibody	ICC (Immunocytochemistry), 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	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid 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

Related Product Information for anti-AKAP3 antibody	Rabbit polyclonal antibody to AKAP3

NCBI AND UNIPROT INFORMATION

NCBI GI #	507834049

NCBI GeneID	10566
NCBI Accession #	NP_001265238.1
NCBI GenBank Nucleotide #	NM_001278309.1
UniProt Accession #	O75969; O75945; Q86X01; Q9UM61
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; HEL159; AKAP110; AKAP 110
NCBI Protein Information	A-kinase anchor protein 3
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://stage.aaabiotech.com/polyclonal/akap3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/259657