

ARG63607 anti-AKAP3 / SOB1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes AKAP3 / SOB1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	AKAP3 / SOB1
Species	Human
Immunogen	C-TPLQLLDWLMVNL
Conjugation	Un-conjugated
Alternate Names	HEL159; AKAP-3; Fibrousheathin-1; PRKA3; Fibrousheathin I; Sperm oocyte-binding protein; A-kinase anchor protein 110 kDa; Fibrous sheath protein of 95 kDa; Cancer/testis antigen 82; FSP95; A-kinase anchor protein 3; SOB1; Protein kinase A-anchoring protein 3; AKAP110; CT82; AKAP 110

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 10566 Human](#)

[Swiss-port # O75969 Human](#)

Background

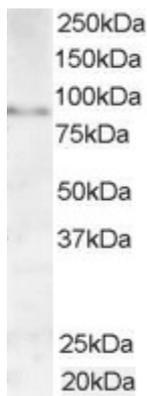
The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family, and is expressed in testis only. The encoded protein contains an RII-binding domain, and is predicted to participate in protein-protein interactions with the R-subunit of the PKA. This protein is localized to the ribs of the fibrous sheath in the principal piece of the sperm tail. It may function as a regulator of both motility- and head-associated functions such as capacitation and the acrosome reaction. [provided by RefSeq, Jul 2008]

Research Area Signaling Transduction antibody

Calculated Mw 95 kDa

PTM Phosphorylated on tyrosine residues.

Images



ARG63607 anti-AKAP3 / SOB1 antibody WB image

Western Blot: Human Testis lysate (35 µg protein in RIPA buffer) stained with ARG63607 anti-AKAP3 / SOB1 antibody at 1 µg/ml dilution.