

## Goat anti-AKAP3 / SOB1 Antibody

<b>Item Number</b>	dAP-0492
<b>Target Molecule</b>	Principle Name: AKAP3 / SOB1; Official Symbol: AKAP3; All Names and Symbols: AKAP3; SOB1; FSP95; PRKA3; AKAP110; A kinase (PRKA) anchor protein 3; fibrousheathin 1; sperm oocyte binding protein 1; CT82; A-kinase anchor protein 3; A-kinase anchor protein, 110kDa; Fibrous Sheath Protein of 95 kDa; cancer/testis antigen 82; ibrous sh; Accession Number (s): NP_006413.2; Human Gene ID(s): 10566; Non-Human GeneID(s):
<b>Immunogen</b>	TPLQLLDWLMVNL, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 90kDa band observed in Human Testis lysates (calculated MW of 95kDa according to NP_006413). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Lefevre A, Duquenne C, Rousseau-Merck MF, Rogier E, Finaz C. Cloning and characterization of SOB1, a new testis-specific cDNA encoding a human sperm protein probably involved in oocyte recognition. Biochem Biophys Res Commun. 1999 May 27;259(1):60-6..PMID: 10334916 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**