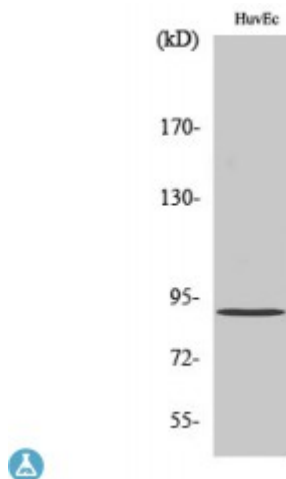


Anti-AKAP 149 antibody



Description	Rabbit polyclonal to AKAP 149.
Model	STJ91528
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human AKAP 149
Immunogen Region	250-330 aa, Internal
Gene ID	8165
Gene Symbol	AKAP1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000
Specificity	AKAP 149 Polyclonal Antibody detects endogenous levels of AKAP 149 protein.
Tissue Specificity	Isoform 1 is detected in thymus, prostate, testis, ovary, colon and small intestine . Isoform 2 is highly expressed in testis and detected at much lower levels in kidney, pancreas, liver, lung and brain .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	A-kinase anchor protein 1, mitochondrial A-kinase anchor protein 149 kDa AKAP 149 Dual specificity A-kinase-anchoring protein 1 D-AKAP-1 Protein kinase A-anchoring protein 1 PRKA1 Spermatid A-kinase anchor protein

Molecular Weight	90 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:367OMIM:602449
Alternative Names	A-kinase anchor protein 1, mitochondrial A-kinase anchor protein 149 kDa AKAP 149 Dual specificity A-kinase-anchoring protein 1 D-AKAP-1 Protein kinase A-anchoring protein 1 PRKA1 Spermatid A-kinase anchor protein
Function	Binds to type I and II regulatory subunits of protein kinase A and anchors them to the cytoplasmic face of the mitochondrial outer membrane.
Sequence and Domain Family	RII-alpha binding site, predicted to form an amphipathic helix, could participate in protein-protein interactions with a complementary surface on the R-subunit dimer.
Cellular Localization	Mitochondrion outer membrane

St John's Laboratory Ltd

F +44 (0)207 681 2580
T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>
E info@stjohnslabs.com