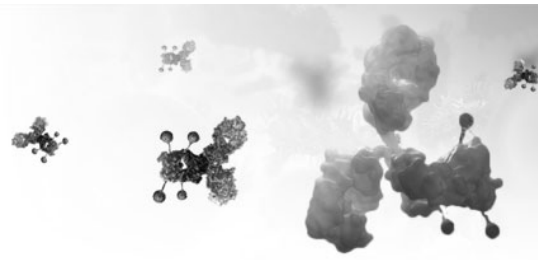

Anti-AKAP11 (aa 1801-1901) polyclonal antibody (DPAB-DC389)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. The encoded protein is expressed at high levels throughout spermatogenesis and in mature sperm. It binds the RI and RII subunits of PKA in testis. It may serve a function in cell cycle control of both somatic cells and germ cells in addition to its putative role in spermatogenesis and sperm function.
Immunogen	AKAP11 (NP_057332, 1801 a.a. ~ 1901 a.a) partial recombinant protein with GST tag. The sequence is EGLGQDGKTLLITNIDMEPCTVDPQLRIILQWLIASEAEVAELYFHDSANKEFMLLSKQL QEKGWKVGDLLQAVLQYYEVMEKASSEERCKSLFDWLLENA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	AKAP11 A kinase (PRKA) anchor protein 11 [Homo sapiens (human)]
Official Symbol	AKAP11
Synonyms	AKAP11; A kinase (PRKA) anchor protein 11; PRKA11; AKAP-11; AKAP220; PPP1R44; A-kinase anchor protein 11; A-kinase anchor protein 220 kDa; a kinase anchor protein 220 kDa; A-kinase anchoring protein, 220kDa; protein kinase A anchoring protein 11; protein kinase A-anchoring protein 11; protein phosphatase 1, regulatory subunit 44;
Entrez Gene ID	11215
Protein Refseq	NP_057332
UniProt ID	Q9UKA4
Chromosome Location	13q14.11
Pathway	G Protein Signaling Pathways;
Function	protein kinase A binding; protein phosphatase 1 binding;

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