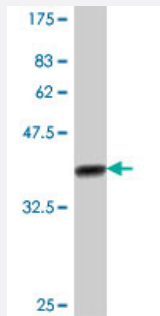


AKAP11 polyclonal antibody (A01)

Catalog # H00011215-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.22 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant AKAP11.
Immunogen	AKAP11 (NP_057332, 1801 a.a. ~ 1901 a.a) partial recombinant protein with GST tag.
Sequence	EGLGQDGKTLITNIDMEPCTVDPQLRIILQWLIASEAEVAELYFHDSANKEFMLLSKQLQEKGWK VGDLLQAVLQYYEVMKASSEERCKSLFDWLLNA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (74); Rat (74)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.22 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — AKAP11

Entrez GeneID [11215](#)

GeneBank Accession# [NM_016248](#)

Protein Accession# [NP_057332](#)

Gene Name AKAP11

Gene Alias AKAP220, DKFZp781112161, FLJ11304, KIAA0629, PRKA11

Gene Description A kinase (PRKA) anchor protein 11

Omim ID [604696](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations A-kinase anchor protein 11|A-kinase anchoring protein, 220kDa|protein kinase A anchoring protein 11

Publication Reference

- [Isoform-specific targeting of PKA to multivesicular bodies.](#)

Day ME, Gaietta GM, Sastri M, Koller A, Mackey MR, Scott JD, Perkins GA, Ellisman MH, Taylor SS.

The Journal of Cell Biology 2011 Apr; 193(2):347.

Application: WB, Human, HEK 293 cells