

DNAxPAb

Hard-to-Find
Antibody

AKAP1 DNAxPab

Catalog # H00008165-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human AKAP1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MAIQFRSLFPLALPGMLALLGWWWFFSRKKGHVSSHDEQQVEAGAVQLRADPAIKEPLPVEDV
CPKVVSTPPSVTEPPEKELSTVSKLPAEPPALLQTHPPCRRSESSGILPNTTDMRLRPGTRRDDSD
TKLELALTGGEAKSIPLECLSSPKGVLFSSKSAEVCKQDSPFSRVPKRVQPGYPVPAEKRSS
GERARETGGAEGTGDAVLGEKVL EEALLSREHVLELENSKGPSLASLEGEEDKGKSSSSQVVG
PVQEEYVAEKLPSRFIESAHTELAKDDAAPAPPVADAKAQDRGVEGELGNEESLDRNEEGLD
RNEEGLDRNEESLDRNEEGLDRNEEIKRAAFQIISQVISEATEQVLATTVGKVAGRVCQASQLQG
QKEESCVPVHQKTVLGPDTAEPATAEAAVAPPDAGLPLPLPAEGSPPPKTYVSLKSLSSPT
KDSKPNISAHHISLASCLALTPSEELPDRAGILVEDATCVTCMSDSSQSVPLVASPGHCSDSFS
TSGLEDSTETSSSPRDKAITPPLPESTVPFNSGV LKGELSDLGAEDGWTMDAEADHSGGSDR
NSMDSVDSCCSLKKTESFQNAQAGSNPKKVDLIWEIEVPKHLVGR LIGKQGRYVSFLKQTS GAKI
YSTLPYTSVQICHIEGSQHHVDKALNLIGKKFKELNL TNYAPPLPSLALPSLPMTSWLMLPDGITV
EVIVNQVNAGHLFVQQHHTPTFHALRSLDQQMYLCYSQPGIPTLPTPVEITVICAAPGADGAWWR
AQVVASYEETNEVEIRVHYGGYKRVKVDVLRQIRSDFVTLPFQGAEVLLDSVMPLSDDDQFSPE
ADAAMSEMTGNTALLAQVTSYSPTGLPLQLWSVVGDEVVLINRSLVERGLAQWVDSYYTSL

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — AKAP1

Entrez GeneID [8165](#)

GeneBank Accession# [BC000729.2](#)

Protein Accession# [AAH00729.1](#)

Gene Name AKAP1

Gene Alias AKAP, AKAP121, AKAP149, AKAP84, D-AKAP1, MGC1807, PRKA1, SAKAP84

Gene Description A kinase (PRKA) anchor protein 1

Omim ID [602449](#)

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 binds to type I and type II regulatory subunits of PKA and anchors them to the mitochondrion. This protein is speculated to be involved in the cAMP-dependent signal transduction pathway and in directing RNA to a specific cellular compartment. [provided by RefSeq]

Other Designations A-kinase anchor protein 1|A-kinase anchor protein, 149kD|dual-specificity A-kinase anchoring protein 1|protein kinase A anchoring protein 1|protein kinase A1|spermatid A-kinase anchor protein 84

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)