

AKAP 220 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00324
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human AKAP11. AA range:1761-1810
Mol wt	210512
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	AKAP 220 Antibody
Synonyms	AKAP11; AKAP220; KIAA0629; A-kinase anchor protein 11; AKAP-11; A-kinase anchor protein 220 kDa; AKAP 220; hAKAP220; Protein kinase A-anchoring protein 11; PRKA11

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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. AKAP11 encodes a member of the AKAP family. The A-kinase anchoring protein 11 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.

Recommended Dilution

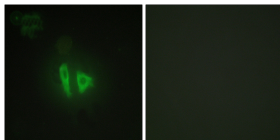
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

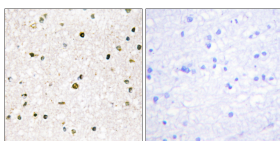
ELISA: 1: 10000

Not yet tested in other applications.

Images



Immunofluorescence analysis of HepG2 cells, using AKAP11 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using AKAP11 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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