

## AKAP 220 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00324
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human AKAP11. AA range:1761-1810
<b>Mol wt</b>	210512
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	AKAP 220 Antibody
<b>Synonyms</b>	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

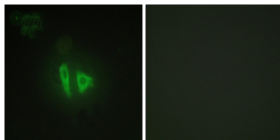
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

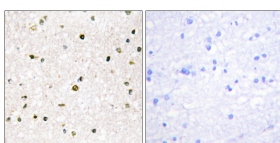
ELISA: 1: 10000

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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