

Product datasheet for **TA341554**

AKAP1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-AKAP1 antibody: synthetic peptide directed towards the C terminal of human AKAP1. Synthetic peptide located within the following region: VPFSNGVLKGEISDLGAEDGWTMDAEADHSGVAAPPPGKRGLITRCPGF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	65 kDa
Gene Name:	A-kinase anchoring protein 1
Database Link:	NP_644804 Entrez Gene 8165 Human Q92667



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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. 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, Jul 2008]

Synonyms:

AKAP; AKAP84; AKAP121; AKAP149; D-AKAP1; MGC1807; PRKA1; SAKAP84

Note:

Immunogen Sequence Homology: Human: 100%

Protein Families:

Druggable Genome, Transmembrane

Product images:

WB Suggested Anti-AKAP1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: Human brain