

Product datasheet for TA329298

AKAP8 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-AKAP8 antibody: synthetic peptide directed towards the middle

region of human AKAP8. Synthetic peptide located within the following region:

DVLAEVITAAVRAVDGEGAPAPESSGEPAEDEGPTDTAEAGSDPQAEQLL

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 76 kDa

Gene Name: A-kinase anchoring protein 8

Database Link: NP 005849

Entrez Gene 10270 Human

<u>043823</u>



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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. AKAP8 is a member of the AKAP family. It is located in the nucleus during interphase and is distinctly redistributed during mitosis. This protein has a cell cycle-dependent interaction with the RII subunit of PKA. 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 located in the nucleus during interphase and is distinctly redistributed during mitosis. This protein has a cell cycle-dependent interaction with the RII subunit of PKA. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

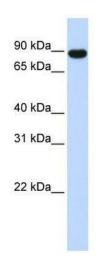
Synonyms: AKAP-8; AKAP-95; AKAP 95; AKAP95

Note: Immunogen sequence homology: Dog: 100%; Horse: 100%; Human: 100%; Bovine: 93%; Pig:

86%; Rat: 86%

Protein Families: Druggable Genome

Product images:



WB Suggested Anti-AKAP8 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: 293T cell lysateAKAP8 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells