

Product datasheet for **TA361264**

AKAP12 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle terminal region of human AKAP12
Specificity:	Expected reactivity: Human
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
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	185 kDa
Gene Name:	A-kinase anchoring protein 12
Database Link:	NP_005091.2 Entrez Gene 9590 Human Q02952-2



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Background:

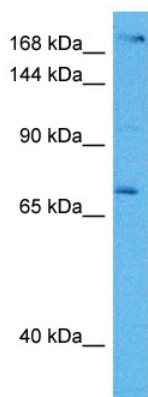
The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein is expressed in endothelial cells, cultured fibroblasts, and osteosarcoma cells. It associates with protein kinases A and C and phosphatase, and serves as a scaffold protein in signal transduction. This protein and RII PKA colocalize at the cell periphery. This protein is a cell growth-related protein. Antibodies to this protein can be produced by patients with myasthenia gravis. Alternative splicing of this gene results in two transcript variants encoding different isoforms.

Synonyms:

AKAP250; DKFZp686M0430; DKFZp686O0331; FLJ20945; FLJ97621; Gravin; OTTHUMP00000017426

Protein Families:

Druggable Genome

Product images:

Host: Rabbit
Target Name: AKAP12
Sample Type: A172 Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: AKAP12
Sample Tissue: Human A172 Whole Cell lysates
Antibody Dilution: 1ug/ml