AKAP12 polyclonal antibody (A01)

Catalog # H00009590-A01 Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant AKAP12.
Immunogen	AKAP12 (NP_005091, 1675 a.a. ~ 1782 a.a) partial recombinant protein with GST tag.
Sequence	VPEDDGHALLAERIEKSLVEPKEDEKGDDVDDPENQNSALADTDASGGLTKESPDTNGPKQKE KEDAQEVELQEGKVHSESDKAITPQAQEELQKQERESAKSELTES
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (56); Rat (56)
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — AKAP12

Entrez GeneID	9590
GeneBank Accession#	NM_005100
Protein Accession#	NP_005091
Gene Name	AKAP12

Gene Alias	AKAP250, DKFZp686M0430, DKFZp686O0331, FLJ20945, FLJ97621
Gene Description	A kinase (PRKA) anchor protein 12
Omim ID	604698
Gene Ontology	Hyperlink
Gene Summary	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 h oloenzyme 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 cell s. It associates with protein kinases A and C and phosphatase, and serves as a scaffold protein i n signal transduction. This protein and RII PKA colocalize at the cell periphery. This protein is a ce ll growth-related protein. Antibodies to this protein can be produced by patients with myasthenia g ravis. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq
Other Designations	A kinase (PRKA) anchor protein (gravin) 12|A-kinase anchor protein, 250kDa|OTTHUMP000000 17426|kinase scaffold protein gravin|myasthenia gravis autoantigen gravin

Disease

- Cerebral Hemorrhage
- Chronic Disease
- Genetic Predisposition to Disease
- Hypertension
- Intracranial Hemorrhages
- Kidney Diseases
- Stroke
- Subarachnoid Hemorrhage