10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

AKAP9 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant AKAP9.
Catalog # AT1090a

Product Information

Application	WB, E
Primary Accession	Q99996
Other Accession	NM_147171
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1A6
Calculated MW	452987

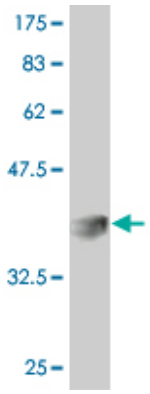
Additional Information

Gene ID	10142
Other Names	A-kinase anchor protein 9, AKAP-9, A-kinase anchor protein 350 kDa, AKAP 350, hgAKAP 350, A-kinase anchor protein 450 kDa, AKAP 450, AKAP 120-like protein, Centrosome- and Golgi-localized PKN-associated protein, CG-NAP, Protein hyperion, Protein kinase A-anchoring protein 9, PRKA9, Protein yotiao, AKAP9, AKAP350, AKAP450, KIAA0803
Target/Specificity	AKAP9 (NP_671700, 3812 a.a. ~ 3911 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	AKAP9 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

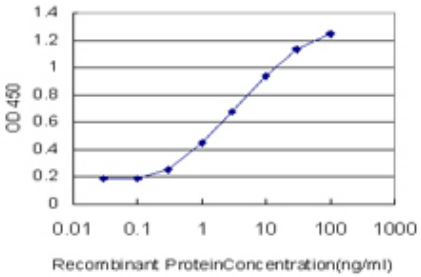
Background

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. Alternate splicing of this gene results in at least two isoforms that localize to the centrosome and the Golgi apparatus, and interact with numerous signaling proteins from multiple signal transduction pathways. These signaling proteins include type II protein kinase A, serine/threonine kinase protein kinase N, protein phosphatase 1, protein phosphatase 2a, protein kinase C-epsilon and phosphodiesterase 4D3. [provided by RefSeq]

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Detection limit for recombinant GST tagged AKAP9 is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.