AKAP12 Antibody

Catalog No: #37255

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

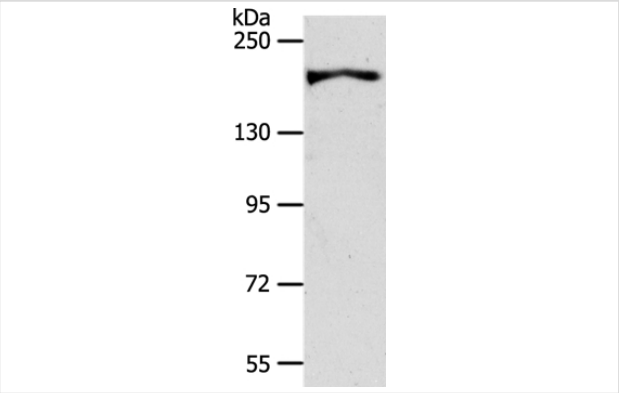
Product Name	AKAP12 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total AKAP12 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human A kinase (PRKA) anchor protein 12
Target Name	AKAP12
Other Names	SSeCKS; AKAP250
Accession No.	Swiss-Prot#: Q02952NCBI Gene ID: 9590Gene Accssion: NP_005091
Uniprot	Q02952
GeneID	9590;
SDS-PAGE MW	191kd
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

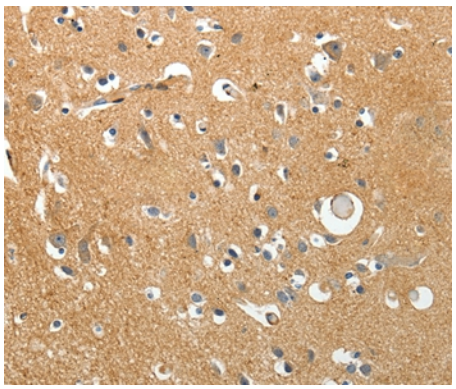
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE
Lysate: 40ug HT-29 cell
Primary antibody: 1/600 dilution
Secondary antibody dilution: 1/8000
Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #37255 at dilution 1/40.

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.

Note: This product is for in vitro research use only