

AKAP12 antibody

Catalog No: #22020

Package Size: #22020 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	AKAP12 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 1719 and 1782 of AKAP12
Target Name	AKAP12
Accession No.	NCBI Gene ID: 9590NCBI mRNA#: NM_005100NCBI Protein#: NP_005091
Concentration	0.7mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

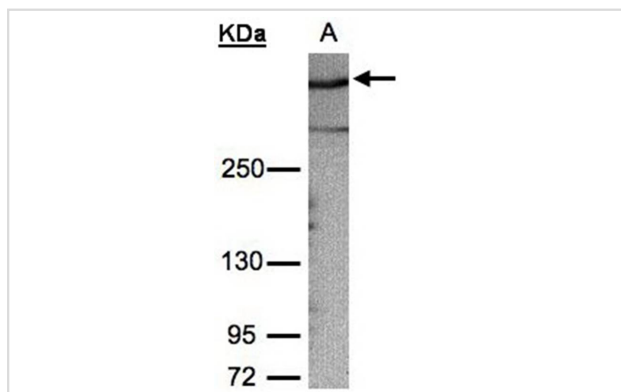
Predicted MW: 192kd

Western blotting: 1:500-1:3000

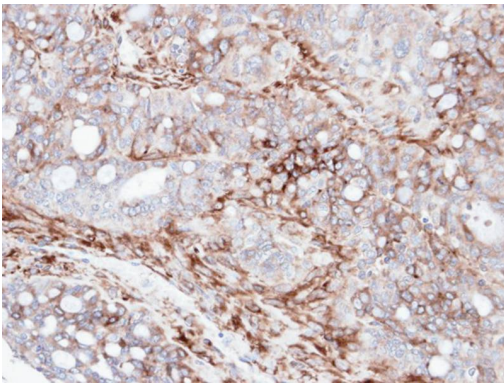
Immunohistochemistry: 1:100-1:250

Immunofluorescence: 1:100-1:200

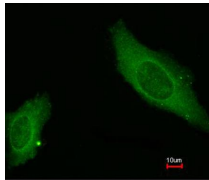
Images



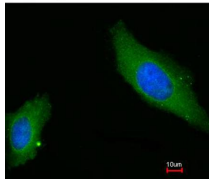
Sample (30ug whole cell lysate)
A: HeLa S3
5% SDS PAGE
Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded serous OVCA, using AKAP12 antibody at 1: 100 dilution.



Merged with DNA probe



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using AKAP12 antibody at 1: 200 dilution.

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. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.