

A18121

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# AKAP12 Rabbit pAb

Catalog No.: A18121 **1 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

191kDa

### Category

Polyclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human

## 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.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

9590

### Swiss Prot

Q02952

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 680-900 of human AKAP12 (NP\_005091.2).

### Synonyms

SSeCKS; AKAP250; AKAP12

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.