

A12798

Leader in Biomolecular Solutions for Life Science



# AKAP6 Rabbit pAb

Catalog No.: A12798

## Basic Information

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### Observed MW

105kDa

### Calculated MW

257kDa

### Category

Mouse Monoclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human

## Background

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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 highly expressed in various brain regions and cardiac and skeletal muscle. It is specifically localized to the sarcoplasmic reticulum and nuclear membrane, and is involved in anchoring PKA to the nuclear membrane or sarcoplasmic reticulum.

## Recommended Dilutions

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WB 1:500 - 1:1000

## Immunogen Information

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### Gene ID

9472

### Swiss Prot

Q13023

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human AKAP6 (NP\_004265.3).

### Synonyms

ADAP6; PRKA6; mAKAP; ADAP100; AKAP100; AKAP6

## Contact

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

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

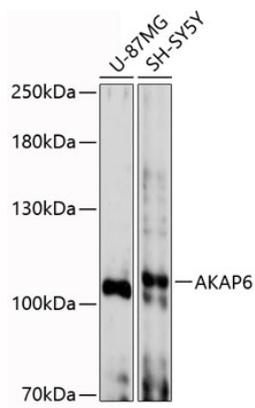
### Storage

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

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

## Validation Data

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Western blot analysis of various lysates using AKAP6 Rabbit pAb (A12798) at 1:3000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 90s.