

A12798

Leader in Biomolecular Solutions for Life Science



AKAP6 Rabbit pAb

Catalog No.: A12798

Basic Information

Observed MW

105kDa

Calculated MW

257kDa

Category

Mouse Monoclonal 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 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

WB 1:500 - 1:1000

Immunogen Information

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



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

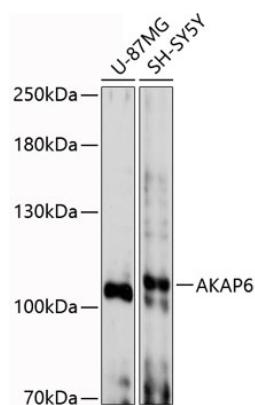
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using AKAP6 Rabbit pAb (A12798) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) 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.