

A3049

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AKAP8 Rabbit pAb

Catalog No.: A3049 **1 Publications**

Basic Information

Observed MW

110kDa

Calculated MW

76kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse

Background

This gene encodes a member of the A-kinase anchor protein family. A-kinase anchor proteins are scaffold proteins that contain a binding domain for the RI/RII subunit of protein kinase A (PKA) and recruit PKA and other signaling molecules to specific subcellular locations. This gene encodes a nuclear A-kinase anchor protein that binds to the RII alpha subunit of PKA and may play a role in chromosome condensation during mitosis by targeting PKA and the condensin complex to chromatin. A pseudogene of this gene is located on the short arm of chromosome 9.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

10270

Swiss Prot

O43823

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 480-692 of human AKAP8 (NP_005849.1).

Synonyms

AKAP-8; AKAP95; AKAP 95; AKAP-95; AKAP8

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

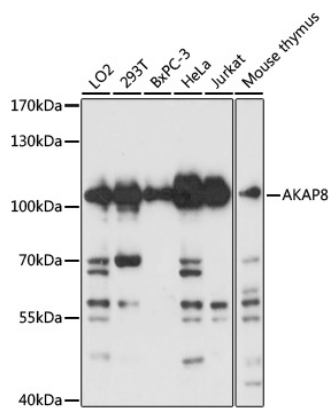
Affinity purification

Storage

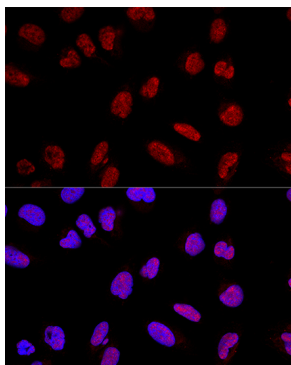
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Western blot analysis of various lysates using AKAP8 Rabbit pAb (A3049) 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 Basic Kit (RM00020).
Exposure time: 30s.



Confocal immunofluorescence analysis of U2OS cells using AKAP8 Rabbit pAb (A3049) at dilution of 1:200. Blue: DAPI for nuclear staining.