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Datasheet for ABIN2795640 **anti-AKAP5 antibody (Center)**

Overview

Quantity:	400 µL
Target:	AKAP5
Binding Specificity:	AA 115-143, Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit Anti-Human AKAP5 (Center) Antibody
Immunogen:	This AKAP5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 115-143 amino acids from the Central region of human AKAP5.
Isotype:	Ig Fraction

Target Details

Target:	AKAP5
Alternative Name:	AKAP5 (AKAP5 Products)
Target Type:	Viral Protein
Background:	Target Description: The A-kinase anchor proteins (AKAPs) are a group of structurally diverse

Target Details

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 binds to the RII-beta regulatory subunit of PKA, and also to protein kinase C and the phosphatase calcineurin. It is predominantly expressed in cerebral cortex and may anchor the PKA protein at postsynaptic densities (PSD) and be involved in the regulation of postsynaptic events. It is also expressed in T lymphocytes and may function to inhibit interleukin-2 transcription by disrupting calcineurin-dependent dephosphorylation of NFAT.

Gene Symbol: AKAP5

Molecular Weight: 47088 Da

Gene ID: 9495

UniProt: [P24588](#)

Pathways: [cAMP Metabolic Process](#)

Application Details

Application Notes: Western Blot
Recommended Dilutions
WB: 1:1000AKAP5 Antibody (Center) .

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.500 mg/mL

Storage: 4 °C, -20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)