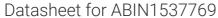
antibodies -online.com







anti-AKAP5 antibody (AA 115-143)



Image



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|--------|-----------|------|----|---|
| | $ V \cap$ | r\/I | 19 | ٨ |

| Quantity: | 400 μL | |
|----------------------|--|--|
| Target: | AKAP5 | |
| Binding Specificity: | AA 115-143 | |
| Reactivity: | Human | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This AKAP5 antibody is un-conjugated | |
| Application: | Western Blotting (WB) | |
| Product Details | | |
| 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. | |
| Clone: | RB39500 | |
| Isotype: | lg Fraction | |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. | |
| Target Details | | |
| Target: | AKAP5 | |
| Alternative Name: | AKAP5 (AKAP5 Products) | |
| Target Type: | Viral Protein | |
| | | |

Target Details

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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 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.

Molecular Weight: 47088

Gene ID: 9495

NCBI Accession: NP_004848

UniProt: P24588

Pathways: cAMP Metabolic Process

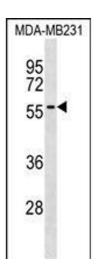
Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

| Format: | Liquid | |
|--------------------|--|--|
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. | |
| Preservative: | Sodium azide | |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. | |
| Storage: | 4 °C,-20 °C | |
| Storage Comment: | AKAP5 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C. | |
| Expiry Date: | 6 months | |



Western Blotting

Image 1. AK Antibody (Center) (ABIN1537769 and ABIN2838190) western blot analysis in MDA-M cell line lysates (35 μ g/lane). This demonstrates the AK antibody detected the AK protein (arrow).