

Datasheet for ABIN302151

**anti-AKAP10 antibody (Internal Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	AKAP10
Binding Specificity:	Internal Region
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AKAP10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	AKAP10
Immunogen:	Peptide with sequence C-RKVKGKEQEKTS, from the internal region of the protein sequence according to NP_009133.2.
Sequence:	RKVKGKEQEK TSD
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

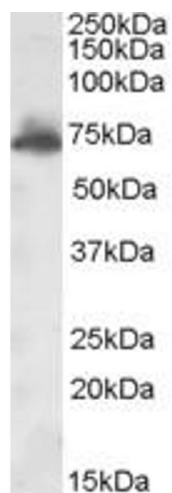
Target:	AKAP10
Alternative Name:	AKAP10 ( <a href="#">AKAP10 Products</a> )
Background:	AKAP10, A kinase (PRKA) anchor protein 10, D-AKAP2, MGC9414, PRKA10, A-kinase anchor protein 10, dual-specificity A-kinase anchoring protein 2, mitochondrial A kinase PPKA anchor protein 10, protein kinase A anchoring protein 10
Gene ID:	11216, 56697, 360540
NCBI Accession:	<a href="#">NP_009133</a>
Pathways:	<a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>

## Application Details

Application Notes:	Western Blot: Approx. 74 kDa band observed in Rat Brain lysates (calculated MW of 73.8 kDa according to Human NP_009133.2 and according to Rat NP_001108078.1). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



**Image 1.** ABIN302151 (1µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.