Datasheet for ABIN768562

anti-AKAP12 antibody (Internal Region)

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Overview

Quantity:	100 µg
Target:	AKAP12
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AKAP12 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	AKAP12 (mouse)
Immunogen:	Peptide with sequence C-SPDTNGPKLTEEGD, from the internal region of the protein sequence according to NP_112462.1.
Sequence:	SPDTNGPKLT EEGD
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform 1 (NP_005091.2) only.
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	AKAP12
Alternative Name:	Akap12 (AKAP12 Products)
Background:	Akap12, A kinase (PRKA) anchor protein (gravin) 12, AI317366, SSeCKS, Srcs5, Tsga12, A-kinase anchor protein 12, AKAP-12, gercelin, germ cell lineage protein gercelin, src-suppressed C kinase substrate, testis specific gene A12, v-src suppressed transcri
Gene ID:	83397, 83425
NCBI Accession:	NP_112462
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	Western Blot: Preliminary experiments in lysates of cell lines NIH3T3 and of Mouse and Rat Brain and Testis gave no specific signal but low background (at antibody concentration up to 2 µg/mL). We would appreciate any feedback from people in the field - h Peptide ELISA: antibody detection limit dilution 1:4000.
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.