Datasheet for ABIN1534207

anti-AKAP2 antibody (AA 71-120)

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Overview

Quantity:	100 µg
Target:	AKAP2
Binding Specificity:	AA 71-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human AKAP2.
Isotype:	IgG
Specificity:	AKAP2 Antibody detects endogenous levels of total AKAP2 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	AKAP2
Alternative Name:	AKAP2 (AKAP2 Products)
Background:	Synonyms: A-kinase anchor protein 2, AKA2, AKAP-2, KIAA0920, PALM2-AKAP2, PRKA2, Protein

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Target Details

	kinase A anchoring protein 2 NCBI Gene Symbol: AKAP2
Molecular Weight:	96 kDa
Gene ID:	445815, 11217
OMIM:	604582
UniProt:	Q9Y2D5

Application Details

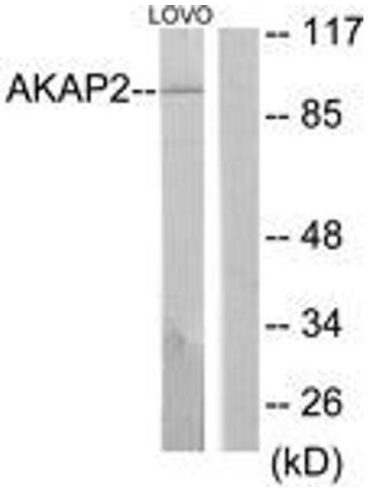
Application Notes:	WB: 1:500~1:1000 ELISA: 1:20000
Comment:	Unigene-Number: Hs.591908 (NCBI Gene Symbol: AKAP2)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

Publications

Product cited in:	Li, Liu, Chen, Jain, Vatner, Vatner, Kudej, Yan: "Proteomic mechanisms of cardioprotection during mammalian hibernation in woodchucks, Marmota monax." in: **Journal of proteome research**, Vol. 12, Issue 9, pp. 4221-9, (2014) (PubMed).



Western Blotting

Image 1. Western blot analysis of extracts from LOVO cells, using AKAP2 Antibody. The lane on the right is treated with the synthesized peptide.

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