

Datasheet for ABIN1533608
anti-PRKAR1A antibody (AA 271-320)



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1 Image

Overview

Quantity:	100 µL
Target:	PRKAR1A
Binding Specificity:	AA 271-320
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKAR1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human KAP0.
Isotype:	IgG
Specificity:	KAP0 Antibody detects endogenous levels of total KAP0 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	PRKAR1A
Abstract:	PRKAR1A Products
Background:	Synonyms: KAP0, PKA R1-alpha, PKR1, PRKAR1, PRKAR1A, TSE1, Tissue-specific extinguisher-

Target Details

1, cAMP-dependent protein kinase type I-alpha regulatory chain

NCBI Gene Symbol: PRKAR1A

Molecular Weight: 42 kDa

Gene ID: 5573

OMIM: 188830

UniProt: [P10644](#)

Pathways: [Hedgehog Signaling](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Myometrial Relaxation and Contraction](#), [G-protein mediated Events](#), [Interaction of EGFR with phospholipase C-gamma](#)

Application Details

Application Notes: WB: 1:500~1:1000 ELISA: 1:5000

Comment: Unigene-Number: Hs.280342 (NCBI Gene Symbol: PRKAR1A)

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.

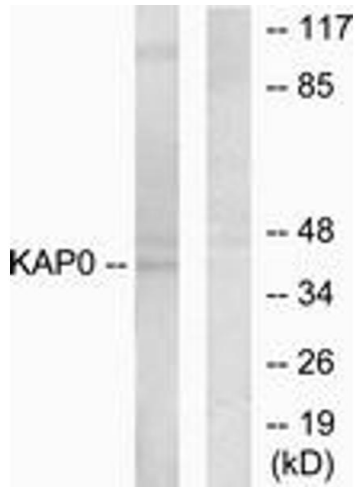
Preservative: Sodium azide

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



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells, using KAPO Antibody. The lane on the right is treated with the synthesized peptide.