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Datasheet for ABIN1944928
anti-PRKAR1A antibody

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Overview

Quantity:	100 µg
Target:	PRKAR1A
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKAR1A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Isotype: IgG

Target Details

Target:	PRKAR1A
Abstract:	PRKAR1A Products
Background:	Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells.
Molecular Weight:	42982 Da
Gene ID:	5573
UniProt:	P10644
Pathways:	Hedgehog Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Myometrial Relaxation and Contraction , G-protein mediated Events , Interaction of EGFR with phospholipase

Target Details

C-gamma

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: **WARNING:** Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Storage: 4 °C, -20 °C

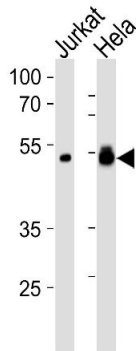
Publications

Product cited in: Yahata, Takedatsu, Dunwoodie, Bragança, Swingler, Withington, Hur, Coser, Isselbacher, Bhattacharya, Shioda: "Cloning of mouse Cited4, a member of the CITED family p300/CBP-binding transcriptional coactivators: induced expression in mammary epithelial cells." in: **Genomics**, Vol. 80, Issue 6, pp. 601-13, (2002) ([PubMed](#)).

Meier, Koedood, Philipp, Fontana, Mitchell: "Alternative mRNAs encode multiple isoforms of transcription factor AP-2 during murine embryogenesis." in: **Developmental biology**, Vol. 169, Issue 1, pp. 1-14, (1995) ([PubMed](#)).

Moser, Pscherer, Bauer, Imhof, Seegers, Kerscher, Buettner: "The complete murine cDNA sequence of the transcription factor AP-2." in: **Nucleic acids research**, Vol. 21, Issue 20, pp. 4844, (1993) ([PubMed](#)).

Mitchell, Timmons, Hébert, Rigby, Tjian: "Transcription factor AP-2 is expressed in neural crest cell lineages during mouse embryogenesis." in: **Genes & development**, Vol. 5, Issue 1, pp. 105-19, (1991) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of lysates from Jurkat, HeLa cell line (from left to right), using K Antibody (ABIN484227 and ABIN1533608). ABIN484227 and ABIN1533608 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.