

## Product datasheet

# Anti-AKAP2 antibody ab64904

[2 References](#) [1 Image](#)

### Overview

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<b>Product name</b>	Anti-AKAP2 antibody
<b>Description</b>	Rabbit polyclonal to AKAP2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide derived from internal sequence of human AKAP2
<b>Positive control</b>	Extracts from LOVO cells.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
	Without Mg <sup>2+</sup> and Ca <sup>2+</sup>
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab64904 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

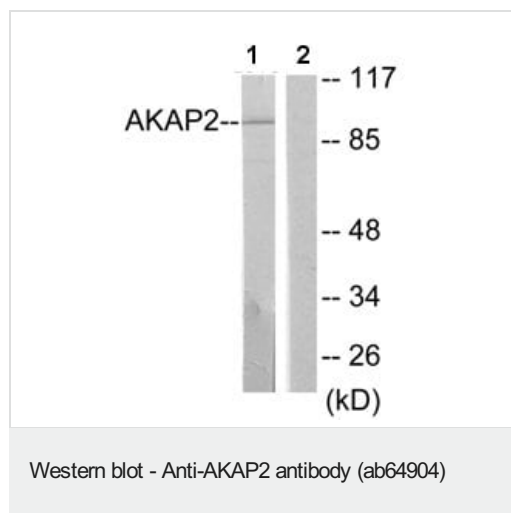
Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 96 kDa (predicted molecular weight: 96 kDa).

## Target

### Relevance

AKAP2 binds to regulatory subunit (RII) of protein kinase A and can be differentially expressed as a natural AKAP2-PALM2 chimeric protein. It may be involved in establishing polarity in signaling systems or in integrating PKA-RII isoforms with downstream effectors to capture, amplify and focus diffuse, trans-cellular signals carried by cAMP. There are 2 named isoforms produced by alternative splicing.

## Images



**All lanes :** Anti-AKAP2 antibody (ab64904) at 1/500 dilution

**Lane 1 :** extracts from LOVO cells

**Lane 2 :** extracts from LOVO cells with immunising peptide at 10 µg

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 96 kDa

**Observed band size:** 96 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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