



[Go to Product page](#)

Datasheet for ABIN6146956  
**anti-RIOK2 antibody (AA 253-552)**

1 Image

Overview

Quantity:	100 µL
Target:	RIOK2
Binding Specificity:	AA 253-552
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIOK2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 253-552 of human RIOK2 (NP_060813.2).
Sequence:	TSHPNAEWYF DRDVKCIKDF FMKRFSYESE LFPTFKDIRR EDTLDVEVSA SGYTKEMQAD DELLHPLGPD DKNIETKEGS EFSFSDGEVA EKAENVYGSSEN ESERNCLEES EGCYCRSSGD PEQIKEDSLS EESADARSFE MTEFNQALEE IKGQVVENNS VTEFSEEKNR TENYNRQDGQ RVQGGVPAGS DEYEDECPHL IALSSLNREF RPFDRDEENVG AMNQYRTRTL SITSSGSAVS CSTIPPELVK QKVKRQLTKQ QKSAVRRRLQ KGEANIFTKQ RRENMQNIKS SLEAASFWGE
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	RIOK2
Alternative Name:	RIOK2 ( <a href="#">RIOK2 Products</a> )
Background:	Serine/threonine-protein kinase involved in the final steps of cytoplasmic maturation of the 40S ribosomal subunit. Involved in export of the 40S pre-ribosome particles (pre-40S from the nucleus to the cytoplasm. Its kinase activity is required for the release of NOB1, PNO1 and LTV1 from the late pre-40S and the processing of 18S-E pre-rRNA to the mature 18S rRNA. Regulates the timing of the metaphase-anaphase transition during mitotic progression, and its phosphorylation, most likely by PLK1, regulates this function.,RIOK2,RIO2,Signal Transduction,Kinase,RIOK2
Molecular Weight:	54 kDa/63 kDa
Gene ID:	55781
UniProt:	<a href="#">Q9BVS4</a>

## Application Details

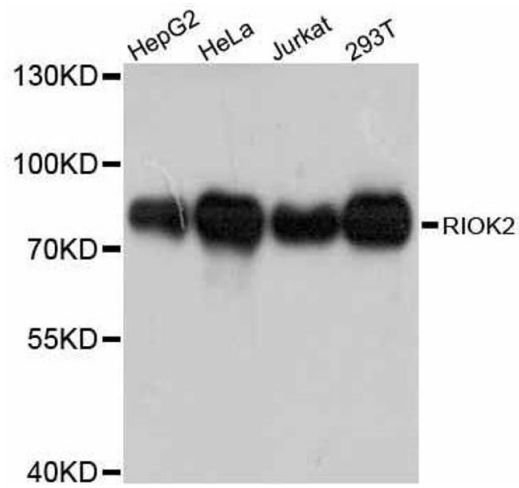
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Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using RIOK2 antibody.