



## Datasheet for ABIN7261082 anti-KIFAP3 antibody



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	200 µL
Target:	KIFAP3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIFAP3 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Recombinant fusion protein of human KIFAP3 (NP_055785.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	KIFAP3
Alternative Name:	KIFAP3 ( <a href="#">KIFAP3 Products</a> )
Background:	The small G protein GDP dissociation stimulator (smg GDS) is a regulator protein having two activities on a group of small G proteins including the Rho and Rap1 family members and Ki-Ras, one is to stimulate their GDP/GTP exchange reactions, and the other is to inhibit their interactions with membranes. The protein encoded by this gene contains 9 'Armadillo' repeats

## Target Details

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and interacts with the smg GDS protein through these repeats. This protein, which is highly concentrated around the endoplasmic reticulum, is phosphorylated by v-src, and this phosphorylation reduces the affinity of the protein for smg GDS. It is thought that this protein serves as a linker between human chromosome-associated polypeptide (HCAP) and KIF3A/B, a kinesin superfamily protein in the nucleus, and that it plays a role in the interaction of chromosomes with an ATPase motor protein. Several transcript variants encoding different isoforms have been found for this gene.

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Molecular Weight:	Observed_MW: 110 kDa Calculated_MW: 82 kDa/86 kDa/91 kDa
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Gene ID:	22920
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UniProt:	<a href="#">Q92845</a>
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Pathways:	<a href="#">Hedgehog Signaling</a> , <a href="#">Sensory Perception of Sound</a>
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## Application Details

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Application Notes:	WB 1:500-1:2000
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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Concentration:	1 mg/mL
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Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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Preservative:	Sodium azide
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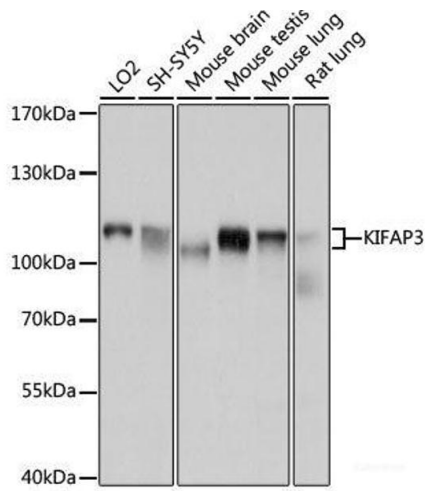
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines using KIFAP3 Polyclonal Antibody at dilution of 1:1000.