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# Datasheet for ABIN7240049 anti-KIF3A antibody

3 Images



### Overview

Quantity:	200 µL
Target:	KIF3A
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF3A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant protein of human KIF3A
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

### Target Details

Target:	KIF3A
Alternative Name:	KIF3A (KIF3A Products)
Background:	Kinesin-like protein KIF3Ais aproteinthat in humans is encoded by theKIF3Agene. Members of the heterotrimeric kinesin II family of microtubule associated motors generally contain two
	different motor subunits from the KIF3 family, which includes KIF3A, B and C. KIF3 isoforms
	mediate anterograde transport of membrane bound organelles in neurons and melanosomes,

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## Target Details

	transport between the endoplasmic reticulum and the Golgi, and transport of protein
	complexes within cilia and flagella required for their morphogenesis. KIF3A may influence
	neurogenesis at the level of embryonic cellular events, where the asymmetry of the genetic
	control circuit controlling left-right (L-R) axis determination is defined. Loss of KIF3A function in
	mice photoreceptors causes apoptotic cell death, suggesting that kinesin II mediated transport
	is required for proper cell fate.
Molecular Weight:	80 kDa
UniProt:	Q9Y496

Hedgehog Signaling

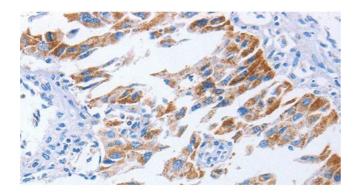
# Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only

# Handling

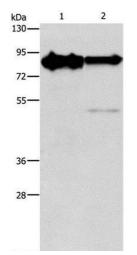
Pathways:

Format:	Liquid
Concentration:	0.2 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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.



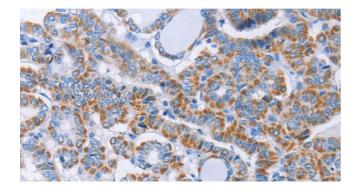
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human lung cancer using KIF3A Polyclonal Antibody at dilution of 1:40



### Western Blotting

**Image 2.** Western Blot analysis of Mouse brain and Human brain malignant glioma tissue using KIF3A Polyclonal Antibody at dilution of 1:750



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Human thyroid cancer using KIF3A Polyclonal Antibody at dilution of 1:40

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