

Datasheet for ABIN7241606

**anti-KIF1C antibody**

3 Images

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## Overview

Quantity:	200 µL
Target:	KIF1C
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF1C antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant protein of human KIF1C
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	KIF1C
Alternative Name:	KIF1C ( <a href="#">KIF1C Products</a> )
Background:	The kinesins constitute a large family of microtubule-dependent motor proteins, which are responsible for the distribution of numerous organelles, vesicles and macromolecular complexes throughout the cell . Individual kinesin members play crucial roles in cell division, intracellular transport, and membrane trafficking events including endocytosis and transcytosis

## Target Details

. KIF1C is a member of the KIF1/Unc104 family of kinesin-like proteins, which are involved in the transport of mitochondria or synaptic vesicles in axons . Human KIF1C maps to chromosome 17p13 and encodes a predicted 1,103 amino acid protein with abundant expression in heart and skeletal muscle . Tyrosine phosphorylation is a putative regulator of KIF1C mediated retrograde transport of Golgi vesicles to the endoplasmic reticulum. KIF1C is capable of forming homodimers and can noncovalently associate with 14-3-3 beta, gamma, epsilon and zeta . In mouse macrophages, KIF1C is required for anthrax lethal toxin resistance.

Molecular Weight:	123 kDa
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UniProt:	<a href="#">O43896</a>
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## Application Details

Application Notes:	WB 1:200-1:1000, IHC 1:50-1:200
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	0.5 mg/mL
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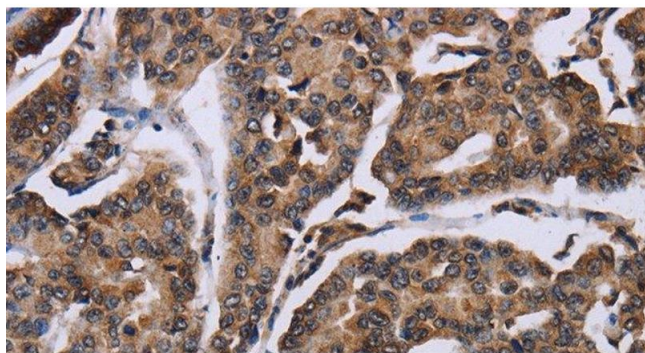
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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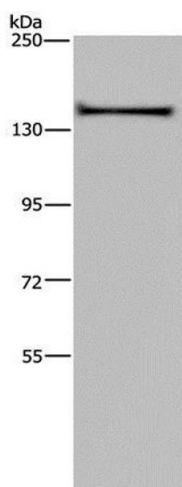
Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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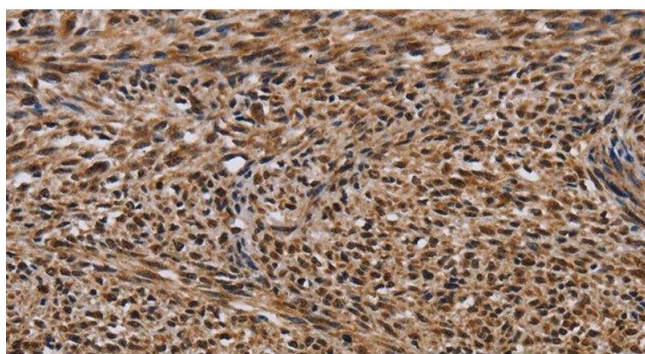
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human breast cancer using KIF1C Polyclonal Antibody at dilution of 1:60



#### Western Blotting

**Image 2.** Western Blot analysis of A549 cell using KIF1C Polyclonal Antibody at dilution of 1:200



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Human sarcoma using KIF1C Polyclonal Antibody at dilution of 1:60