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Datasheet for ABIN7453563  
**anti-KIFC1 antibody (AA 625-673)**

### Overview

Quantity:	100 µg
Target:	KIFC1
Binding Specificity:	AA 625-673
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIFC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

### Product Details

Purpose:	Rabbit anti-KIFC1 Antibody, Affinity Purified
Immunogen:	between AA 625 and 673
Isotype:	IgG
Purification:	Affinity Purified

### Target Details

Target:	KIFC1
Alternative Name:	KIFC1 ( <a href="#">KIFC1 Products</a> )
Background:	Background: The kinesin superfamily of proteins consists of over forty KIF motor proteins that

## Target Details

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function in intracellular transport along microtubules. Kinesin activity has been linked to various cellular functions such as vesicle transport, mitotic spindle formation, chromosome segregation, chromosome congression, and cytokinesis. Structurally, all kinesins contain a motor domain with microtubule and nucleotide binding sites that utilize ATP to target cargo along microtubule filaments. KIFC1 has been demonstrated to be involved in the localization of PLK1, Aurora B, and Cdc14A to the central spindle during anaphase.

Gene ID: 3833

NCBI Accession: [NP\\_002254](#)

UniProt: [Q9BW19](#)

## Application Details

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Application Notes: IHC: 1:1,000 - 1:5,000. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.

IP: 2 - 5 µg/mg lysate

WB: Not recommended. Use rabbit anti-KIFC1 antibody ABIN7453560.

Restrictions: For Research Use only

## Handling

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Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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: 4 °C

Expiry Date: 12 months