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## Datasheet for ABIN7450392 **anti-KIF14 antibody (AA 900-950)**

### Overview

Quantity:	100 µg
Target:	KIF14
Binding Specificity:	AA 900-950
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-KIF14 Antibody, Affinity Purified
Immunogen:	between AA 900 and 950
Isotype:	IgG
Purification:	Affinity Purified

### Target Details

Target:	KIF14
Alternative Name:	KIF14 ( <a href="#">KIF14 Products</a> )
Background:	Background: The kinesin superfamily of proteins consists of over forty KIF motor proteins that function in intracellular transport along microtubules. Kinesin activity has been linked to various

## Target Details

cellular functions such as vesicle transport, mitotic spindle formation, chromosome segregation, and cytokinesis. Structurally, all kinesins contain a motor domain with microtubule and nucleotide binding sites that utilize ATP to target cargo along microtubule filaments. KIF14 silencing experiments suggest that KIF14 plays a multi-functional role in mitosis and cytokinesis. KIF14 has also been identified as a candidate oncogene whose overexpression may lead to genomic instability and act as a reporter of poor-prognosis in breast cancer.

Gene ID: 9928

NCBI Accession: [NP\\_055690](#)

UniProt: [Q15058](#)

## Application Details

Application Notes: IP: 2 - 10 µg/mg lysate

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

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