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Datasheet for ABIN7455214 **anti-KIF14 antibody (C-Term)**

Overview

Quantity:	20 µg
Target:	KIF14
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (fixed cells) (IF/ICC), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-KIF14 Antibody, Affinity Purified
Immunogen:	between AA 1600 and C-term
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	KIF14
Alternative Name:	KIF14 (KIF14 Products)
Background:	Background: The kinesin superfamily of proteins consists of over forty KIF motor proteins that

Target Details

function in intracellular transport along microtubules. Kinesin activity has been linked to various 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: ICC-IF: 1:200 - 1:1,000. Formaldehyde fixation is recommended. Permeabilization with Triton-X 100 is recommended for formaldehyde-fixed cells.
IHC: 1:200 to 1:1000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
IP: 2 - 10 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 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