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Datasheet for ABIN7452355 **anti-KIF18A antibody (AA 650-700)**

Overview

Quantity:	100 µg
Target:	KIF18A
Binding Specificity:	AA 650-700
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF18A antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-KIF18A Antibody, Affinity Purified
Immunogen:	between AA 650 and 700
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	KIF18A
Alternative Name:	KIF18A (KIF18A Products)
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, 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. KIF18 has been demonstrated to be a microtubule depolymerase essential for chromosome alignment at the spindle equator.

Gene ID: 81930

NCBI Accession: [NP_112494](#)

UniProt: [Q8NI77](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: Not recommended. Use rabbit anti-KIF18A antibody ABIN7450393.

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