

Datasheet for ABIN7454620
anti-BUB1 antibody (AA 1-50)



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Overview

Quantity:	100 µg
Target:	BUB1
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BUB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-Bub1 Antibody, Affinity Purified
Immunogen:	between AA 1 and 50
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	BUB1
Alternative Name:	Bub1 (BUB1 Products)
Background:	Background: Bub1 is cell cycle checkpoint kinase and component of the spindle checkpoint

Target Details

machinery. Bub1 and other spindle checkpoint proteins ensure that segregation does not proceed until all replicated chromatids are associated with a functional bipolar spindle. Bub1 functions to target Bub1-related protein (BubR1), Mad2, and polo-like kinase to kinetochores. It also functions to phosphorylate Cdc20 and inhibit ubiquitination of Pds1/securin by the anaphase-promoting complex (APC).

Gene ID: 699

NCBI Accession: [NP_004327](#)

UniProt: [O43683](#)

Application Details

Application Notes: IHC: 1:500 - 1:2,000. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.
IP: 2 - 10 µg/mg lysate
WB: 1:1,000 - 1:5,000

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