Rabbit BUB3 Polyclonal Antibody | anti-BUB3 antibody

Anti-BUB3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105023	**Rabbit**	**Human, Monkey**	**Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

BUB3; Polyclonal Antibody; Anti-BUB3 Antibody; Mitotic checkpoint protein BUB3; anti-BUB3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of BUB3 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	326
Applicable Applications for anti-BUB3 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BUB3. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of BUB3 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

IHC (Immunohiostchemistry)
Immunohistochemical analysis of BUB3 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

WB (Western Blot)
Western blot analysis of BUB3 expression in HeLa (A), HEK293T (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-BUB3 antibody	Rabbit polyclonal antibody to BUB3

NCBI AND UNIPROT INFORMATION

NCBI GI #	56550081
NCBI GeneID	9184
NCBI Accession #	NP_001007794.1
NCBI GenBank Nucleotide #	NM_001007793.2
UniProt Accession #	O43684; O43685; A6NJ42; B2R6E7; D3DRE9
Molecular Weight	36,955 Da
NCBI Official Full Name	mitotic checkpoint protein BUB3 isoform b
NCBI Official Synonym Full Names	BUB3 mitotic checkpoint protein
NCBI Official Symbol	BUB3
NCBI Official Synonym Symbols	BUB3L; hBUB3
NCBI Protein Information	mitotic checkpoint protein BUB3; mitotic checkpoint component; budding uninhibited by benomyl; budding uninhibited by benzimidazoles 3 homolog; BUB3 budding uninhibited by benzimidazoles 3 homolog
UniProt Protein Name	Mitotic checkpoint protein BUB3
UniProt Gene Name	**BUB3**
UniProt Entry Name	BUB3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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