

Rabbit anti-Human BubR1 Polyclonal Antibody | anti-BubR1 antibody

BubR1 Antibody

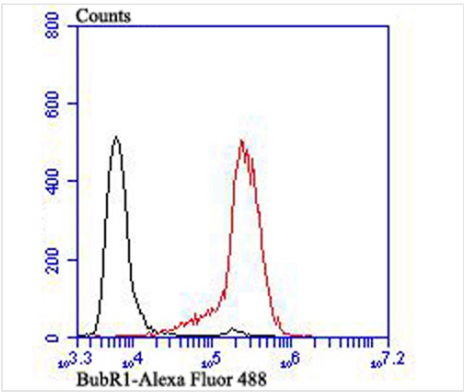
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29938	Rabbit	Human	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

BubR1; Polyclonal Antibody; BubR1 Antibody; Beta homolog of S. cerevisiae BUB 1 antibody; Beta homolog of S. cerevisiae budding uninhibited by benzimidazoles antibody; BUB 1B antibody; BUB1 budding uninhibited by benzimidazoles 1 homolog beta antibody; Bub1A antibody; BUB1B antibody; BUB1B_HUMAN antibody; BUB1beta antibody; BUBR1 antibody; Budding Uninhibited by Benzimidazoles 1 beta antibody; Budding uninhibited by benzimidazoles 1 homolog beta (yeast) antibody; hBUBR1 antibody; MAD3/BUB1 related protein kinase antibody; MAD3/BUB1-related protein kinase antibody; MAD3L antibody; Mitotic checkpoint gene BUB1B antibody; Mitotic checkpoint kinase MAD3L antibody; Mitotic checkpoint serine/threonine protein kinase BUB1 beta antibody; Mitotic checkpoint serine/threonine-protein kinase BUB1 beta antibody; MVA1 antibody; OTTHUMP00000160319 antibody; Protein SSK1 antibody; SSK 1 antibody; SSK1 antibody; anti-BubR1 antibody

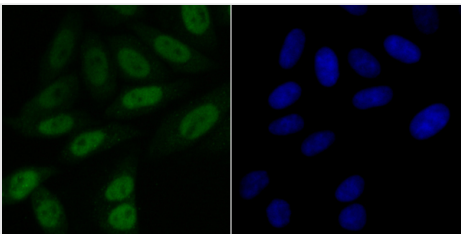
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Protein affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-BubR1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:5000-1:10,000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Immunogen	Recombinant protein within human BubR1 330-600 aa.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



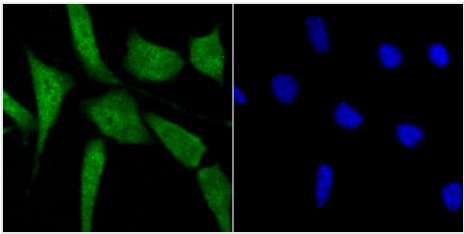
FCM (Flow Cytometry)

Flow cytometric analysis of HL-60 cells with BubR1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



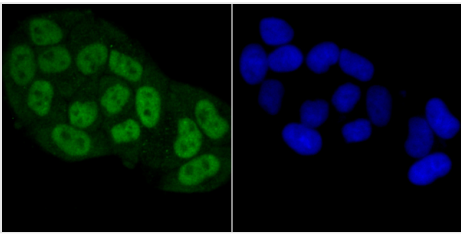
ICC (Immunocytochemistry)

ICC staining BubR1 in SiHa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



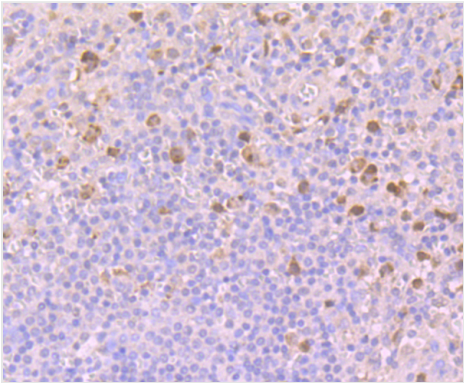
ICC (Immunocytochemistry)

ICC staining BubR1 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



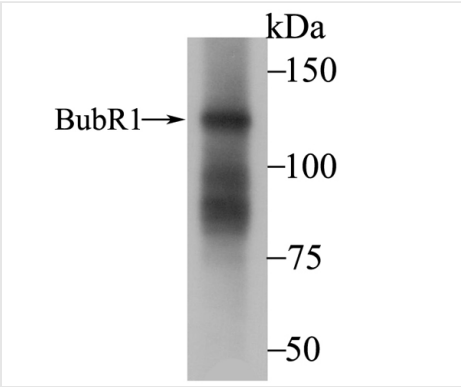
ICC (Immunocytochemistry)

ICC staining BubR1 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-BubR1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of BubR1 on SH-SY-5Y cell lysate using anti-BubR1 antibody at 1/10,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-BubR1 antibody	Human cells contain two related protein kinases, BUB1 and BUBR1, that appear to have evolved from a single ancestral BUB1 gene. Both kinases are concentrated near the surface of the kinetochore where they monitor kinetochore-microtubule interactions. BUB1 and BUBR1 bind to kinetochores and are postulated to be components of the mitotic checkpoint, which monitors kinetochore activities to determine if chromosomes have achieved alignment at the spindle equator. BUBR1 is essential for normal mitotic progression as it prevents cells from prematurely entering anaphase. BUB3 is a conserved component of the mitotic spindle assembly complex and is also involved with the essential spindle checkpoint pathway that operates during early embryogenesis.
Product Categories/Family for anti-BubR1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	59814247
NCBI GeneID	701
NCBI Accession #	NP_001202.4
NCBI GenBank Nucleotide #	NM_001211.5
UniProt Accession #	O60566; O60501; O60627; O60758; O75389; Q59HH6; Q8WV50; Q96KM4; B2R6U0; B4DL09; B4DLG3
Molecular Weight	119,545 Da
NCBI Official Full Name	mitotic checkpoint serine/threonine-protein kinase BUB1 beta
NCBI Official Synonym Full Names	BUB1 mitotic checkpoint serine/threonine kinase B
NCBI Official Symbol	BUB1B
NCBI Official Synonym Symbols	MVA1; SSK1; BUBR1; Bub1A; MAD3L; hBUBR1; BUB1beta
NCBI Protein Information	mitotic checkpoint serine/threonine-protein kinase BUB1 beta; mitotic checkpoint kinase MAD3L; MAD3/BUB1-related protein kinase; budding uninhibited by benzimidazoles 1 homolog beta
UniProt Protein Name	Mitotic checkpoint serine/threonine-protein kinase BUB1 beta
UniProt Gene Name	BUB1B
UniProt Synonym Gene Names	BUBR1; MAD3L; SSK1; hBUBR1
UniProt Entry Name	BUB1B_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bubr1-antibody-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29938>