

Rabbit BubR1 Polyclonal Antibody | anti-BubR1 antibody

Rabbit anti-BubR1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210921	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Western Blot

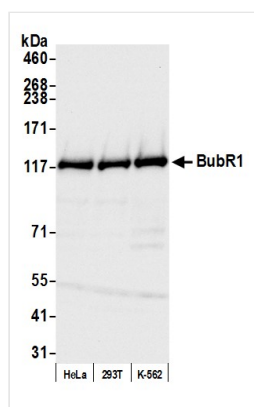
PRODUCT SYNONYMS

BubR1; Polyclonal Antibody; Rabbit anti-BubR1 Antibody; Affinity Purified; MAD3L; Protein SSK1; SSK1; MVA1; mitotic checkpoint serine/threonine-protein kinase BUB1 beta; mitotic checkpoint kinase MAD3L; hBUBR1; budding uninhibited by benzimidazoles 1 homolog beta; BUBR1; BUB1beta; Bub1A; BUB1B; mitotic checkpoint serine/threonine kinase; MAD3/BUB1-related protein kinase; Mitotic checkpoint serine/threonine-protein kinase BUB1 beta; BUB1 mitotic checkpoint serine/threonine kinase B; anti-BubR1 antibody

PRODUCT SPECIFICATIONS

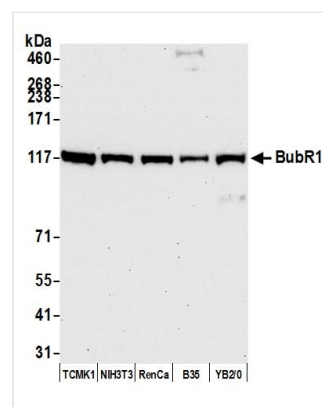
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-BubR1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Panda, Orangutan, Monkey, Gorilla
Immunogen	Between 350 and 400
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



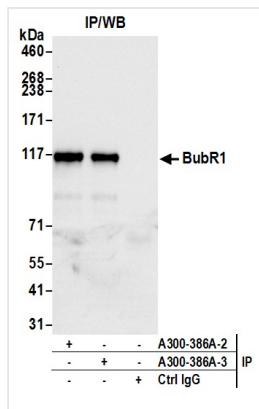
WB (Western Blot)

Detection of human BubR1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and K-562 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BubR1 antibody AAA210921 (lot AAA210921-3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



WB (Western Blot)

Detection of mouse and rat BubR1 by western blot. Samples: Whole cell lysate (50 ug) from TCMK-1, NIH 3T3, RenCa, B35, and YB20 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BubR1 antibody AAA210921 (lot AAA210921-3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human BubR1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-BubR1 antibody AAA210921 (lot AAA210921-3) used for IP at 6 ug per reaction. BubR1 was also immunoprecipitated by a previous lot of this antibody (lot AAA210921-2). For blotting immunoprecipitated BubR1, AAA210921 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-BubR1 antibody	BubR1 is cell cycle checkpoint kinase and component of the spindle checkpoint machinery. BubR1 and other spindle checkpoint proteins ensure that segregation does not proceed until all replicated chromatids are associated with a functional bipolar spindle. BubR1 is part of the mitotic checkpoint complex that also includes Bub3, Mad2, and Cdc20. In this trimer BubR1 functions to inhibit the anaphase promoting complex (APC) that promotes chromosome segregation. BubR1 is suggested to be a paralog of Bub1.
Product Categories/Family for anti-BubR1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	701
UniProt Accession #	O60566
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://www.aaabiotech.com/polyclonal/bub1-antibody-immunoprecipitation-western-blot-elisa/210921>