

Rabbit anti-Mouse NBS1 Polyclonal Antibody | anti-NBS1 antibody

Rabbit anti-NBS1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211394	Rabbit	Mouse	Immunoprecipitation, Western Blot

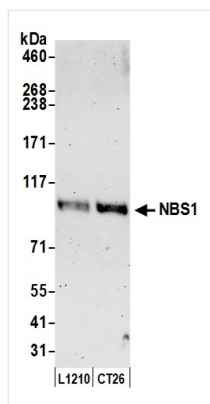
PRODUCT SYNONYMS

NBS1; Polyclonal Antibody; Rabbit anti-NBS1 Antibody; Affinity Purified; nibrin; Nbs1; cell cycle regulatory protein p95; nijmegen breakage syndrome protein 1 homolog; Nibrin; anti-NBS1 antibody

PRODUCT SPECIFICATIONS

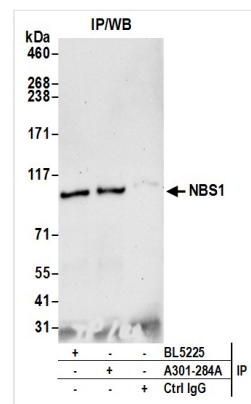
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-NBS1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 701 and C-terminus
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 mouse NBS1 by western blot. Samples: Whole cell lysate (50 ug) from L1210 and CT26.WT cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-NBS1 antibody AAA211394 (lot AAA211394-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of mouse NBS1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from L1210 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-NBS1 antibody AAA211394 (lot AAA211394-2) used for IP at 3 ug per reaction. NBS1 was also immunoprecipitated by rabbit anti-NBS1 antibody BL5225. For blotting immunoprecipitated NBS1, AAA211394 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-NBS1 antibody	Mutations in NBS1 (Nijmegen Breakage Syndrome 1), also known as nibrin, are associated with the autosomal recessive syndrome, Nijmegen breakage syndrome, characterized by microcephaly, growth retardation, immunodeficiency, and cancer predisposition. At the cellular level, NBS1 is part of the MRE11/RAD50 double-strand break repair complex that is critical to the DNA damage response, DNA recombination, telomere integrity, and cell cycle checkpoint control.
Product Categories/Family for anti-NBS1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	145386524
NCBI GeneID	27354
NCBI Accession #	NP_038780.3
NCBI GenBank Nucleotide #	NM_013752.3
UniProt Accession #	Q9R207; O88981; Q3UY57; Q811I6; Q8CCY0; Q9R1X1
Molecular Weight	83,795 Da
NCBI Official Full Name	nibrin
NCBI Official Synonym Full Names	nibrin
NCBI Official Symbol	Nbn
NCBI Official Synonym Symbols	Nbs1
NCBI Protein Information	nibrin
UniProt Protein Name	Nibrin
UniProt Gene Name	Nbn
UniProt Synonym Gene Names	Nbs1
UniProt Entry Name	NBN_MOUSE

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/nbs1-antibody-immunoprecipitation-western-blot-elisa/211394>