

Rabbit anti-Human NBS1/BN Polyclonal Antibody | anti-NBS1/BN antibody

NBS1/BN Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282332	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

NBS1/BN; Polyclonal Antibody; NBS1/BN Rabbit pAb; NBN; AT-V1; AT-V2; ATV; NBS; NBS1; P95; nibrin; anti-NBS1/BN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MSHGPKQPGA AAAPAGGKAP GQHGGFVTV KQERGEPRP GEKGSHEEEP VKKRGWPKGK KRKKILPNGP KAPVTGYVRF LNERREQIRT RHPDLPFPEI TKMLGAESK LQPTKEQRYL DEAREKQY MKELRAYQQS EAYKMCTEKI QEKKIKKEDS SSGLMNTLLN GHKGGDCDGF STFDVPIFE EFLDQNKARE AELRRLRKMN VAFEEQNAVL QRHTQSMSSA RERLEQELAL EERRTLALQQ QLQAVRQALT ASFASLPVPG TGETPTLGTL DFYMARLHGA IERDPAQHEK LIVRIKEILA QVASEHL
Applicable Applications for anti-NBS1/BN antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 650-750 of human NBS1/BN (NP_002476.2).
Cellular Location	Chromosome, Nucleus, PML body, telomere
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using NBS1/BN antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NBS1/BN antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-NBS1/BN antibody	Mutations in this gene are associated with Nijmegen breakage syndrome, an autosomal recessive chromosomal instability syndrome characterized by microcephaly, growth retardation, immunodeficiency, and cancer predisposition. The encoded protein is a member of the MRE11/RAD50 double-strand break repair complex which consists of 5 proteins. This gene product is thought to be involved in DNA double-strand break repair and DNA damage-induced checkpoint activation.
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Product Categories/Family for anti-NBS1/NBN antibody	Epigenetics & Nuclear Signaling; DNA Damage & Repair; Cancer; Tumor suppressors; Cell Biology & Developmental Biology; Cell Cycle; G2/M DNA Damage Checkpoint; Polyclonal Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83715964
NCBI GeneID	10362
NCBI Accession #	NP_006330.2
NCBI GenBank Nucleotide #	NM_006339.2
UniProt Accession #	Q9P0W2; Q6IBP8; Q8NBD5; Q9HD21; Q9Y491; Q9Y4A2; A6NMS5; D6W616
Molecular Weight	35,813 Da
NCBI Official Full Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related
NCBI Official Synonym Full Names	high mobility group 20B
NCBI Official Symbol	HMG20B
NCBI Official Synonym Symbols	SOXL; HMGX2; BRAF25; BRAF35; HMGXB2; PP7706; pp8857; SMARCE1r
NCBI Protein Information	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related; SMARCE1-related protein; high-mobility group 20B; BRCA2-associated factor 35; HMG box domain containing 2; HMG box-containing protein 20B; HMG domain-co
UniProt Protein Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related
UniProt Gene Name	HMG20B
UniProt Synonym Gene Names	BRAF35; HMGX2; HMGXB2; SMARCE1R; SMARCE1-related protein
UniProt Entry Name	HM20B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nbs1-nbn-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282332>