

Rabbit NBN Polyclonal Antibody | anti-NBN antibody

NBN Rabbit Polyclonal Antibody

CATALOG # AAA314072	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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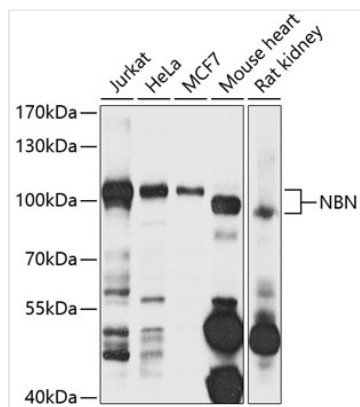
PRODUCT SYNONYMS

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

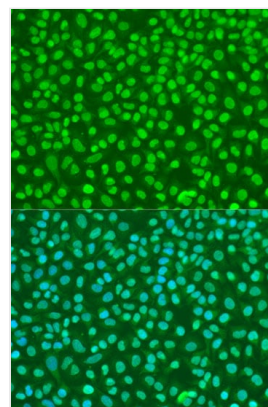
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-NBN antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human NBN
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NBN at 1:1000 dilution.


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using NBN at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-NBN 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33356172
NCBI GeneID	4683
NCBI Accession #	NP_002476.2
NCBI GenBank Nucleotide #	NM_002485.4
UniProt Accession #	O60934; O60672; Q32NF7; Q53FM6; Q63HR6; Q7LDM2; B2R626; B2RNC5
Molecular Weight	84,959 Da
NCBI Official Full Name	nibrin
NCBI Official Synonym Full Names	nibrin
NCBI Official Symbol	NBN
NCBI Official Synonym Symbols	ATV; NBS; P95; NBS1; AT-V1; AT-V2
NCBI Protein Information	nibrin; cell cycle regulatory protein p95; Nijmegen breakage syndrome 1 (nibrin); p95 protein of the MRE11/RAD50 complex
UniProt Protein Name	Nibrin
UniProt Gene Name	NBN
UniProt Synonym Gene Names	NBS; NBS1; P95
UniProt Entry Name	NBN_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.