Rabbit NIBRIN Polyclonal Antibody | anti-NBN antibody

NIBRIN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39380	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

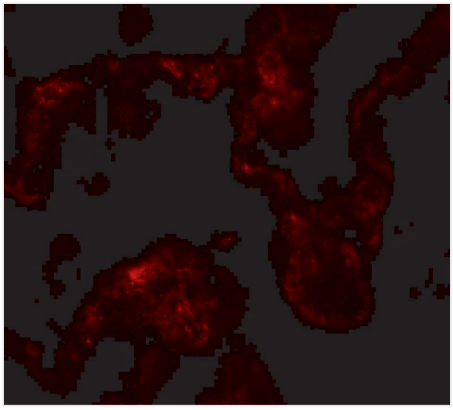
PRODUCT SYNONYMS

NIBRIN; Polyclonal Antibody; NIBRIN Antibody; ATV; NBS; P95; NBS1; AT-V1; AT-V2; Nibrin; Cell cycle regulatory protein p95; nibrin; anti-NBN antibody

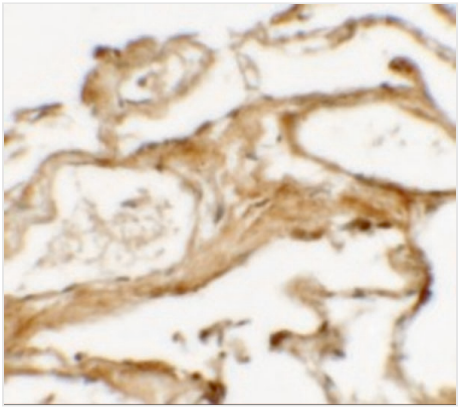
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three alternatively spliced transcript isoforms of NIBRIN are known to exist.
Purity/Purification	NIBRIN Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	754
Applicable Applications for anti-NBN antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	NIBRIN antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human NIBRIN.
Buffer	NIBRIN Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	NIBRIN antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

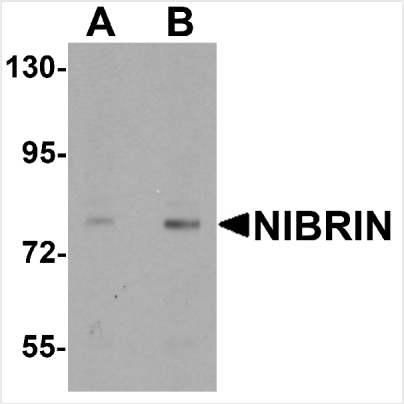
IMAGES



IF (Immunofluorescence)
Immunofluorescence of NIBRIN in human lung tissue with NIBRIN antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of NIBRIN (NT) in human lung tissue with NIBRIN (NT) antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of NIBRIN in rat lung tissue lysate with NIBRIN antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NBN antibody	NIBRIN Antibody: NIBRIN (NBN) is a member of the double-strand break repair complex MRE11/RAD50/NBN (MRN) which is involved in DNA double-strand break repair, DNA damage-induced checkpoint activation and plays a critical role in the maintenance of chromosome integrity. NIBRIN contains two modules found in cell cycle checkpoint proteins, a forkhead-associated domain adjacent to a breast cancer carboxy-terminal domain. Mutations in this gene are associated with Nijmegen breakage syndrome and maybe the cause of cancer predisposition and aplastic anemia.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33356172
NCBI GeneID	4683
NCBI Accession #	NP_002476
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/polyclonal/nibrin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39380