

anti-Human Nibrin Antibody | anti-NBN antibody

Nibrin (Phospho-Ser278) Antibody

CATALOG # AAA267623	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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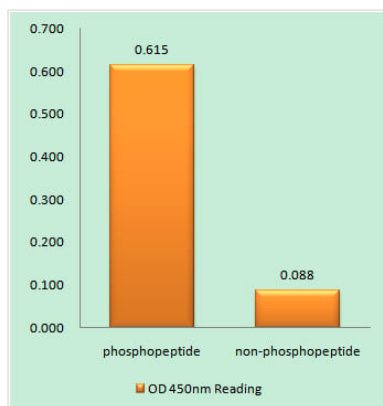
PRODUCT SYNONYMS

Nibrin; Nibrin (Phospho-Ser278) Antibody; Cell cycle regulatory protein P95; NBS; NIBRIN; Nijmegen breakage syndrome 1 (nibrin); NIJMEGEN BREAKAGE syndrome protein 1; p95-NBS1; anti-NBN antibody

PRODUCT SPECIFICATIONS

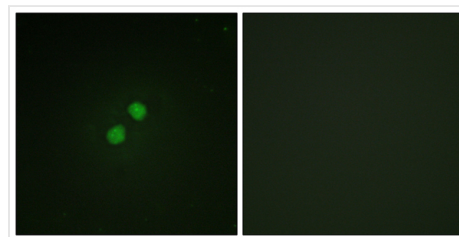
Reactivity	Human
Specificity	Nibrin (Phospho-Ser278) antibody detects endogenous levels of Nibrin only when phosphorylated at serine 278.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	672
Applicable Applications for anti-NBN antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Nibrin around the phosphorylation site of serine 278 (T-N-SP-Q-T).
All Sites	Human: Ser278
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



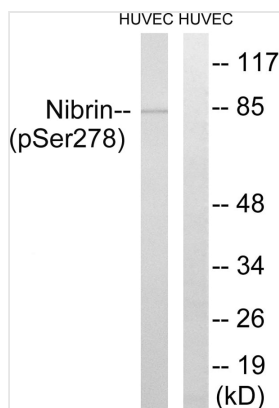
Application Data

Nibrin (Phospho-Ser278) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from HUVEC cells, treated with Forskolin (40nM, 30mins), using Nibrin (Phospho-Ser278) antibody. Immunofluorescence analysis of NIH/3T3 cells, using Nibrin (Phospho-Ser278) antibody.



Application Data

ADDITIONAL INFORMATION

References	Varon R., Cell 93:467-476(1998). Carney J.P., Cell 93:477-486(1998). Matsuura S., Nat. Genet. 19:179-181(1998).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	67189945
NCBI GeneID	4683
NCBI Accession #	NP_001019859.1
NCBI GenBank Nucleotide #	NM_001024688.2
UniProt Accession #	O60934; O60672; Q32NF7; Q53FM6; Q63HR6; Q7LDM2; B2R626; B2RNC5
Molecular Weight	84,959 Da
NCBI Official Full Name	nibrin isoform 2
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
UniProt Protein Name	Nibrin
UniProt Gene Name	NBN
UniProt Synonym Gene Names	NBS; NBS1; P95

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/nbn-human-antibody/nibrin/267623>