

## Anti-Phospho-NBN (Ser343) Polyclonal Antibody 2

## Product Details

Ig Type:	IgG
Reactivity:	Human,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 95 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Applications

Application:	ELISA,WB
Recommended	WB: 1:500-2000; ELISA: 1:5000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized phosphopeptide: human p95/NBS1 around the phosphorylation site of Ser343. AA range:310-359
Antigen Species:	human
Uniprot ID:	O60934
Synonyms:	NBN (p-S343);Nijmegen breakage syndrome;Cell cycle regulatory protein p95;NBS1;Nibrin; MGC87362;ATV;FLJ10155;AT V2;AT V1;p95;NBS 1;Nijmegen breakage syndrome 1;Nijmegen breakage syndrome protein 1;Phospho-NBN (S343);p95 protein of the MRE11/RAD50 complex; NBN (p-Ser343);p-NBN (Ser343);NBS;p-NBN (S343)

## Research Background

nibrin(NBN) Homo sapiens 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. [provided by RefSeq, Jul 2008],

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