

## Phospho-NBN-S343

**Reactivity:** Human

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 95kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding S343 of human NBN

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

ATV; NBS; P95; NBS1; AT-V1; AT-V2;

**Catalog #:** AP0413

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 4683

**Isotype:** IgG

**Swiss Prot:** O60934

**Purity:** Affinity purification

For research use only.

**Background:**

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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