

35-1056: Polyclonal Antibody to p95/NBS1 (Phospho-Ser343)

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	NBN
Gene ID :	4683
Uniprot ID :	O60934
Format :	Purified
Alternative Name :	NBN
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of serine 343 (S-L-S(p)-Q-G) derived from Human p95/NBS1.

Description

Mutations in p95/NBS1 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.

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 95kd, Western blotting: 1:500~1:1000

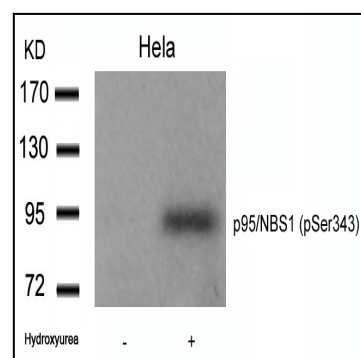


Figure 1: Western blot analysis of extracts from HeLa cells untreated or treated with Hydroxyurea using p95/NBS1(Phospho-Ser343) Antibody 35-1056 .