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

Clonality: Polyclonal

Application: WB Reactivity: Human Gene: NBN Gene ID: 4683 **Uniprot ID:** 060934 Format: Purified NBN **Alternative Name:** Rabbit IgG Isotype:

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 Mg2+ and Ca2+), 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

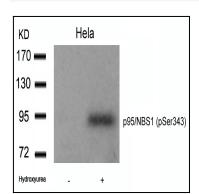


Figure 1: Western blot analysis of extracts from Hela cells untreated or treated with Hydroxyurea using p95/NBS1(Phospho-Ser343) Antibody 35-1056 .