

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

|                                |  |
|--------------------------------|--|
| <b>Clonality :</b>             | Polyclonal   |
| <b>Application :</b>           | WB   |
| <b>Reactivity :</b>            | Human  |
| <b>Gene :</b>                  | NBN  |
| <b>Gene ID :</b>               | 4683   |
| <b>Uniprot ID :</b>            | O60934   |
| <b>Format :</b>                | Purified   |
| <b>Alternative Name :</b>      | NBN  |
| <b>Isotype :</b>               | Rabbit IgG   |
| <b>Immunogen Information :</b> | 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

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 50 µl / 100 µl   |
| <b>Content :</b>           | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| <b>Storage condition :</b> | 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

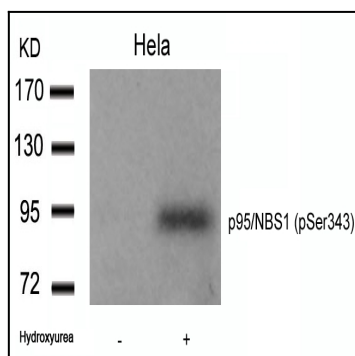


Figure 1: Western blot analysis of extracts from HeLa cells untreated or treated with Hydroxyurea using p95/NBS1(Phospho-Ser343) Antibody 35-1056 .