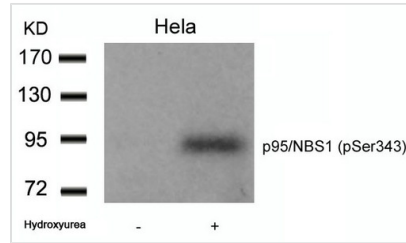




Phospho-NBN (Ser343) Antibody

Product Code	CSB-PA069758
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O60934
Immunogen	Peptide sequence around phosphorylation site of serine 343 (S-L-S(p)-Q-G) derived from Human p95/NBS1.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous level of p95/NBS1 only when phosphorylated at serine 343.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	<p>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.</p> <p>Hsu HL, et al (2005) Oncogene; 24(31): 4956-64. Falck J, et al. (2005) Nature; 434(7033): 605-11. Buscemi G, et al. (2004) Oncogene; 23(46): 7691-700. Beausoleil SA, et al. (2004) Proc Natl Acad Sci U S A; 101(33): 12130-5.</p>
Form	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.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	NBN
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	NBN
Image	



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

Product Modify

Phospho-Ser343