p95/NBS1 (Phospho-Ser343) Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 43057

Format: 100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide-reactive antibodies were removed by chromatography on non-phosphorylated peptide.

BACKGROUND

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.

SPECIFICATION SUMMARY

Antigen: Peptide sequence that includes phosphorylation site of serine 343 (S-L-S(p)-Q-G) derived from human p95/NBS1.

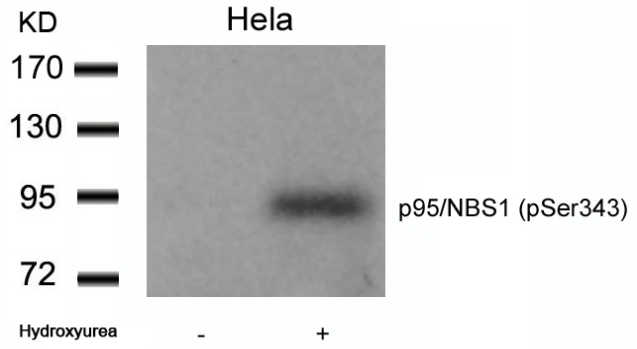
Host Species: Rabbit

Accession no.: O60934, NP_002476.2

Specificity: This antibody detects endogenous human p95/NBS1 only when phosphorylated at serine 343.

APPLICATIONS

Immunoblotting: use at dilution of 1:500-1:1,000. A band of ~95kDa is detected.



Detection of p95/NBS1 (phospho-Ser343) in extracts of HeLa cells untreated or treated with hydroxyurea.

These are recommended working dilutions. Enduser should determine optimal dilutions for their application.

DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Can be stored at 4°C for short-term.

For in vitro investigational use only. Not intended for therapeutic or diagnostic applications.

QED Bioscience, Inc.
10919 Technology Place, Suite C
San Diego, CA 92127

Toll Free 800.929.2114
Phone 858.675.2405
Fax 858.592.1509
info@qedbio.com