

# Nibrin Polyclonal Antibody

### Description

Product type Primary Antibody

Code BT-AP06020

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human p95/NBS1. AA range:310-

359

Mol wt 84959

Species reactivity Human, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name Nibrin Antibody

Synonyms NBN; NBS; NBS1; P95; Nibrin; Cell cycle regulatory protein p95; Nijmegen breakage syndrome protein 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

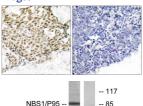
Mutations in NBN are associated with Nijmegen breakage syndrome, an autosomal recessive chromosomal instability syndrome characterized by microcephaly, growth retardation, immunodeficiency, and cancer predisposition. Nibrin is a member of the MRE11/RAD50 double-strand break repair complex which consists of 5 proteins. NBN product is thought to be involved in DNA double-strand break repair and DNA damage-induced checkpoint activation.

## Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 10000

Not yet tested in other applications.

#### Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using p95/NBS1 Antibody. The picture on the right is blocked with the synthesized peptide.

-- 117 -- 85 -- 48 -- 34 -- 26 -- 19 Western blot analysis of lysates from Jurkat cells, using p95/NBS1 Antibody. The lane on the right is blocked with the synthesized peptide.

## Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com