

A4197

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NBS1/NBN Rabbit mAb

Catalog No.: A4197 **Recombinant**

Basic Information

Observed MW

95kDa

Calculated MW

85kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human

CloneNo number

ARC0926

Recommended Dilutions

WB 1:500 - 1:1000

IP 0.5µg-4µg antibody for
200µg-400µg extracts
of whole cells

Contact

 www.abclonal.com

Background

Mutations in this 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.

Immunogen Information

Gene ID

4683

Swiss Prot

O60934

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 655-754 of human NBS1/NBN (O60934).

Synonyms

ATV; NBS; P95; NBS1; AT-V1; AT-V2; NBS1/NBN

Product Information

Source

Rabbit

Isotype

IgG

Purification

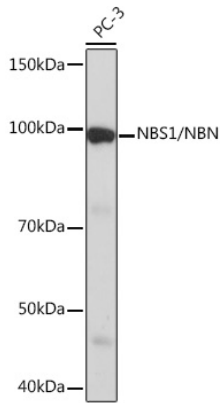
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from PC-3 cells, using NBS1/NBN Rabbit mAb (A4197) at 1:1000 dilution.

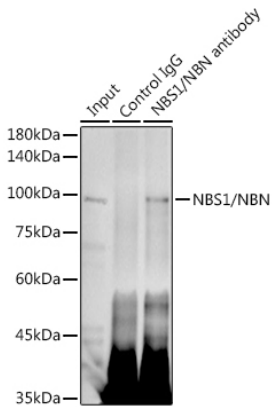
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg NBS1/NBN antibody (A4197). Western blot was performed from the immunoprecipitate using NBS1/NBN antibody (A4197) at a dilution of 1:1000.