[KO Validated] NBN Rabbit Polyclonal Antibody



CAB0783

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

95kDa/70kDa

Calculated MW:

84kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Protein 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

Uniprot O60934

Synonyms:

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

Antibody Information

Recommended dilutions:

WB 1:500 - 1:1000 IHC 1:50

- 1:100

Source:

Rabbit

Isotype:

lgG

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 435-754 of human NBN (NP_002476.2).

Storage:

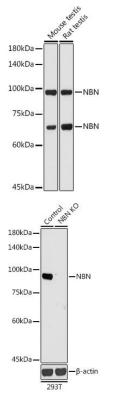
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

Purification:

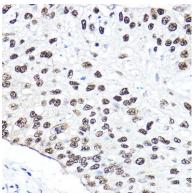
Affinity purification

Product Images



Western blot analysis of extracts of various cell lines, using NBN antibody (CAB0783) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Western blot analysis of extracts from normal (control) and NBN knockout (KO) 293T cells, using NBN antibody (CAB0783) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human lung cancer using [KO Validated] NBN Rabbit pAb (CAB0783) at dilution of 1:50 (40x lens).