

## [KO Validated] NBN Polyclonal Antibody

<b>Catalog No.</b>	A0783	<b>Category</b>	Polyclonal Antibodies
<b>Applications</b>	WB	<b>Observed MW</b>	110kDa
<b>Cross-reactivity</b>	Human, Mouse	<b>Calculated MW</b>	84kDa

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 435-754 of human NBN (NP_002476.2).
<b>Gene ID</b>	4683
<b>Swiss prot</b>	O60934
<b>Synonyms</b>	NBN; AT-V1; AT-V2; ATV; NBS; NBS1; P95; nibrin

### Product information

<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Background

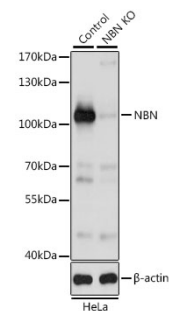
Mutations in this gene are associated with Nijmegen breakage syndrome, an autosomal recessive chromosomal instability syndrome characterized by microcephaly, growth retardation, immunodeficiency, and cancer predisposition. The encoded protein is a member of the MRE11/RAD50 double-strand break repair 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.

### Recommended Dilutions

WB 1:500 -  
1:1000



Western blot - [KO Validated] NBN Polyclonal Antibody (A0783)



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