

**CAB0783**

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**Product Information**

<b>Product SKU:</b>	CAB0783	<b>Gene ID:</b>	4683	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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**Additional Information**

<b>Observed MW:</b>	95kDa/70kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	85kDa	<b>Isotype:</b>	IgG

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**Immunogen Information**

**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 Dilution:** WB,1:500 - 1:1000 IHC-P,1:50 - 1:200

**Synonyms:** ATV; NBS; P95; NBS1; AT-V1; AT-V2; BN

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 520-754 of human NBS1/NBN (NP\_002476.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.