

## NBN Rabbit Polyclonal Antibody

Catalog No: #55289



Package Size: #55289-1 50ul #55289-2 100ul

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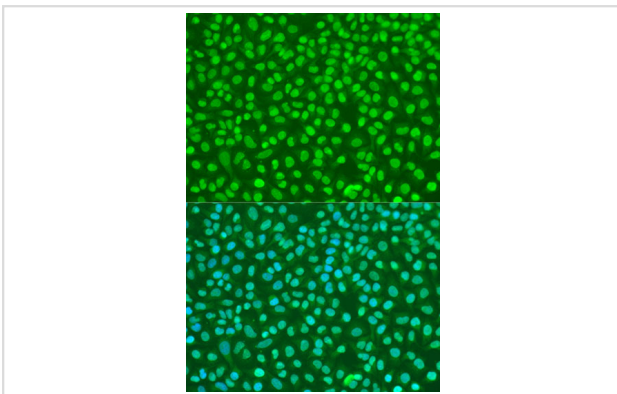
## Description

Product Name	NBN Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human NBN
Other Names	NBN;AT-V1;AT-V2;ATV;NBS;NBS1;P95;nibrin
Accession No.	Swiss Prot:O60934GeneID:4683
Calculated MW	84kDa
SDS-PAGE MW	100kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

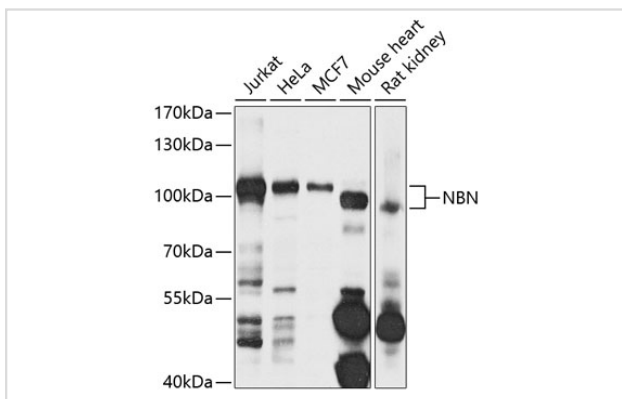
## Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

## Images



Immunofluorescence analysis of U2OS cells using NBN at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using NBN at 1:1000 dilution.

## 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.