

NBN Rabbit Polyclonal Antibody

Catalog No: #55289

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

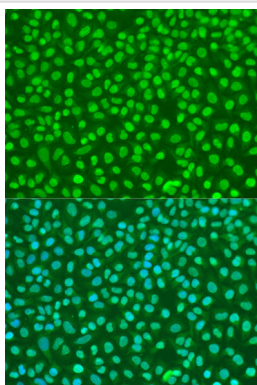
Description

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
Conjugates	Unconjugated
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.

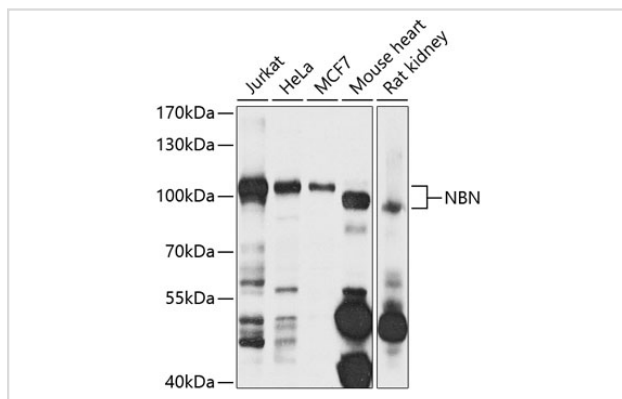
Application Details

WB□1:500 - 1:2000IF□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.