

Product Name: Nibrin Rabbit Polyclonal Antibody**Catalog #: APRab00025**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 85 kDa; Observed MW: 95 kDa

Antigen Information

Gene Name	NBN
Alternative Names	NBN; NBS; NBS1; P95; Nibrin; Cell cycle regulatory protein p95; Nijmegen breakage syndrome protein 1
Gene ID	4683
SwissProt ID	O60934
Immunogen	A synthetic peptide corresponding to target protein

Background

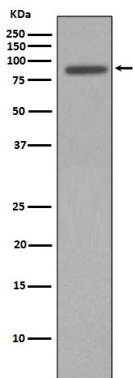
NBS1 is a member of the MRE11/RAD50 double-strand break repair complex. Involved in DNA double-strand break repair and

DNA damage-induced checkpoint activation. Mutation results in the Nijmegen breakage syndrome (NBS), an autosomal recessive chromosomal instability syndrome.

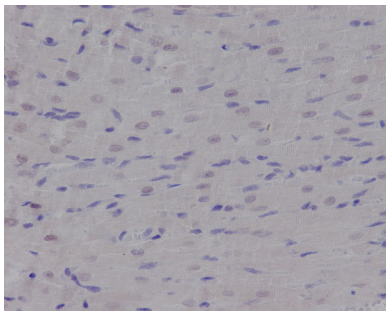
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of p95/NBS1 in HeLa lysates using Nibrin antibody.



Immunohistochemistry analysis of paraffin-embedded rat heart using p95/NBS1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.