

## Nibrin (phospho Ser278) Polyclonal Antibody

Catalog No: #13672



Package Size: #13672-1 50ul #13672-2 100ul

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## Description

Product Name	Nibrin (phospho Ser278) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IF/ICC,ELISA
Species Reactivity	Human
Specificity	Phospho-Nibrin (S278) Polyclonal Antibody detects endogenous levels of Nibrin protein only when phosphorylated at S278.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Nibrin around the phosphorylation site of Ser278. AA range:251-300
Other Names	NBN; NBS; NBS1; P95; Nibrin; Cell cycle regulatory protein p95; Nijmegen breakage syndrome protein 1
Accession No.	Swiss Prot:O60934GeneID:4683
Uniprot	O60934
GeneID	4683
SDS-PAGE MW	85
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

## Background

nibrin(NBN) Homo sapiens 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. [provided by RefSeq, Jul 2008].

Note: This product is for in vitro research use only