

Anti-Phospho-NBN (Ser278) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Actual: 85 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications

Application:	ELISA,ICC/IF,WB
Recommended	WB: 1:500-2000; ICC/IF: 1:200-1000; ELISA: 1:10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized phosphopeptide: human Nibrin around the phosphorylation site of Ser278. AA range:251-300
Antigen Species:	Human
Uniprot ID:	O60934
Synonyms:	Nijmegen breakage syndrome protein 1;NBS 1;p-NBN (Ser278);p95 protein of the MRE11/RAD50 complex;Phospho-NBN (S278);NBN (p-Ser278);NBN (p-S278);NBS;p-NBN (S278);Nibrin;AT V1;MGC87362;Nijmegen breakage syndrome 1;ATV;Nijmegen breakage syndrome;Cell cycle regulatory protein p95;p95;AT V2;NBS1;FLJ10155

Research 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],

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481