

p95/NBS1(Ab-343) Antibody

Catalog No: #21058



Package Size: #21058-1 50ul #21058-2 100ul #21058-4 25ul

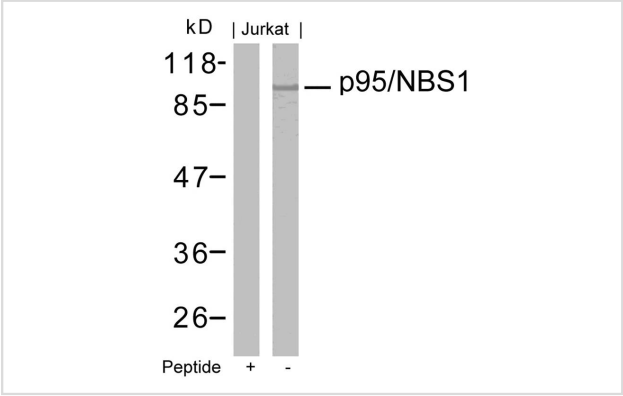
Overview

Product Name	p95/NBS1(Ab-343) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu
Immunogen Type	Peptide-KLH
Target Name	p95/NBS1
Alternative Names	NBN

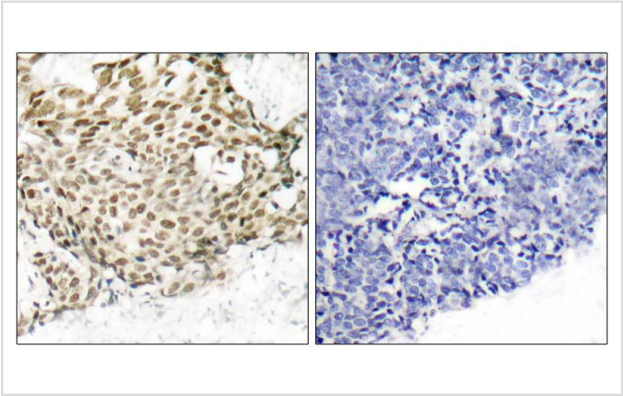
Application Details

Predicted MW: 95kd
Western blotting: 1:500~1:1000
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from Jurkat cells using p95/NBS1(Ab-343) Antibody #21058 and the same antibody preincubated with blocking peptide.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p95/NBS1(Ab-343) Antibody #21058(left) or the same antibody preincubated with blocking peptide(right).

## Descriptions

Immunogen	Peptide sequence around aa.341~345 (S-L-S-Q-G) derived from Human p95/NBS1.
Specificity	The antibody detects endogenous level of total p95/NBS1 protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: O60934NCBI Protein: NP_002476.2

## Related Information

Mutations in p95/NBS1 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.

Hsu HL, et al (2005)Oncogene; 24(31): 4956-64.

Falck J, et al. (2005) Nature; 434(7033): 605-11.

Buscemi G, et al. (2004) Oncogene; 23(46): 7691-700.

Beausoleil SA, et al. (2004) Proc Natl Acad Sci U S A; 101(33): 12130-5.

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