Datasheet for ABIN1531747

anti-Nibrin antibody (pSer278)

2 Images

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Overview

Quantity:	100 µL
Target:	Nibrin (NBN)
Binding Specificity:	AA 251-300, pSer278
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nibrin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Nibrin around the phosphorylation site of Ser278.
Isotype:	IgG
Specificity:	Nibrin (Phospho-Ser278) Antibody detects endogenous levels of Nibrin only when phosphorylated at Ser278. PhosphorylationH:S278
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

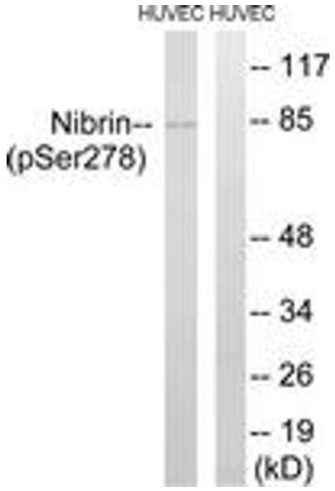
Target:	Nibrin (NBN)
Alternative Name:	Nibrin (NBN Products)
Background:	Synonyms: Cell cycle regulatory protein P95, NBN, NBS, NIBRIN, NIJMEGEN BREAKAGE syndrome protein 1, p95-NBS1 NCBI Gene Symbol: NBN
Molecular Weight:	84 kDa
Gene ID:	4683
OMIM:	114480
UniProt:	O60934
Pathways:	DNA Damage Repair, Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.492208 (NCBI Gene Symbol: NBN)
Restrictions:	For Research Use only

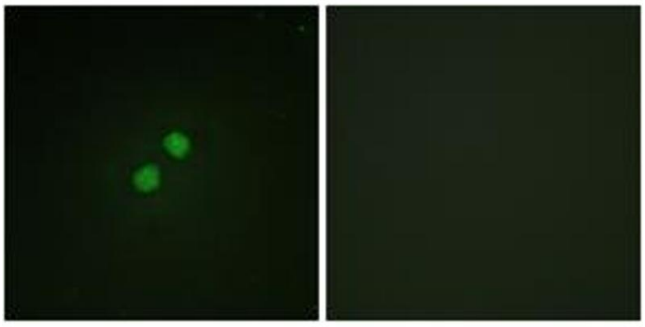
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HuvEc cells treated with Forskolin 40nM 30', using Nibrin (Phospho-Ser278) Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of NIH-3T3 cells, using Nibrin (Phospho-Ser278) Antibody. The picture on the right is treated with the synthesized peptide.