Niban(Phospho-Ser602) Antibody

Catalog No: #11578

Package Size: #11578-1 50ul #11578-2 100ul #11578-4 25ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Niban(Phospho-Ser602) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of Niban only when phosphorylated at serine 602.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 602 (R-A-S(p)-A-I) derived from Human Niban.
Target Name	Niban
Modification	Phospho-Ser602
Other Names	FAM129A
Accession No.	Swiss-Prot: Q9BZQ8NCBI Protein: NP_443198.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), 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.

Application Details

Predicted MW: 150kd

Western blotting: 1:500~1:1000

Images

Western blot analysis in vitro kinase assays were performed by mixing purified bacterially expressed WT Hisβ Niban or the Hisβ Niban S602A with or without purified active AKT1 using Niban (Phospho-Ser602) Antibody #11578.

Background

Regulates phosphorylation of a number of proteins involved in translation regulation including EIF2A, EIF4EBP1 and RPS6KB1. May be involved in the endoplasmic reticulum stress response

Vill

Published Papers

Haitao Ji, Zhiyong Ding, DavidHawke el at., AKT-dependent phosphorylation of Niban regulates nucleophosmin- and MDM2-mediated p53 stability and cell apoptosis., EUROPEAN MOLECULAR BIOLOGY ORGANIZATION., 6:554-560(2012)

PMID:22510990

Ji H, Ding Z, Hawake D el at., AKT-dependent Phosphorylation of Niban Regulates Nucleophosmin- and MDM2-Mediated p53 Stability and Cell Apoptosis., EMBO Reports, 13(6):554-60(2012)

PMID:22510990

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