

## Niban Antibody

Catalog No: #21401

Package Size: #21401-1 50ul #21401-2 100ul

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## Description

Product Name	Niban Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IF
Species Reactivity	Hu
Specificity	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen Type	Peptide-KLH
Immunogen Description	peptide sequence around aa. 912~916 (K-E-G-E-G) derived from Human Niban.
Target Name	Niban
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 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.

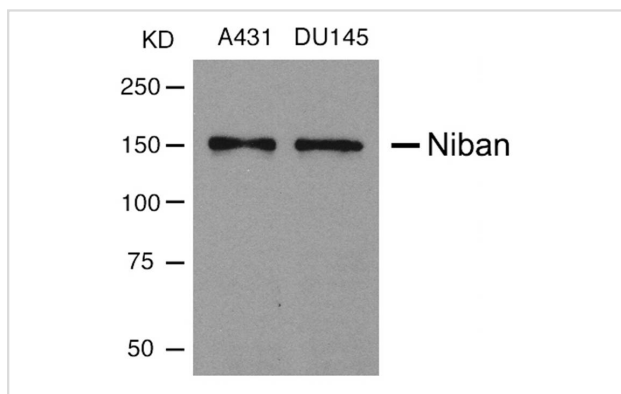
## Application Details

Predicted MW: 150kd

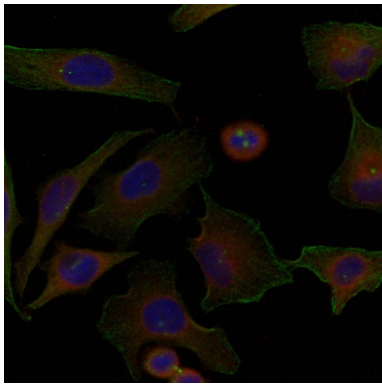
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

## Images



Western blot analysis of extracts from A431 and DU145 cells using Niban Antibody #21401.



Immunofluorescence staining of methanol-fixed HeLa cells using Niban Antibody #21401.

## 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

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## Published Papers

el at., AKT1 ζ• ependent phosphorylation of Niban regulates nucleophosmini ζ• nd MDM2i ζ• ediated p53 stability and cell apoptosis. In EMBO Rep on 2012 Jun 1 by Haitao Ji, Zhiyong Ding, et al..PMID: 22510990

, , (2012)

[PMID:22510990](#)

el at., Overexpression of zincι ζ• inger protein 777 (ZNF777) inhibits proliferation at low cell density through downι ζ• egulation of FAM129A.In J Cell Biochem on 2015 Jun by Ryuzaburo Yuki, Kazumasa Aoyama et al..PMID:25560148, , (2015)

[PMID:25560148](#)

el at., Noncanonical SQSTM1/p62-Nrf2 pathway activation mediates proteasome inhibitor resistance in multiple myeloma cells via redox, metabolic and translational reprogramming. In Oncotarget on 2016 Oct 11 by Irene Riz, Teresa S Hawley,et al..PMID: 27626179, , (2016)

[PMID:27626179](#)

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