NDR1/2 (Phospho-Thr444/442) Antibody

Catalog No: #12521

Package Size: #12521-1 50ul #12521-2 100ul

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

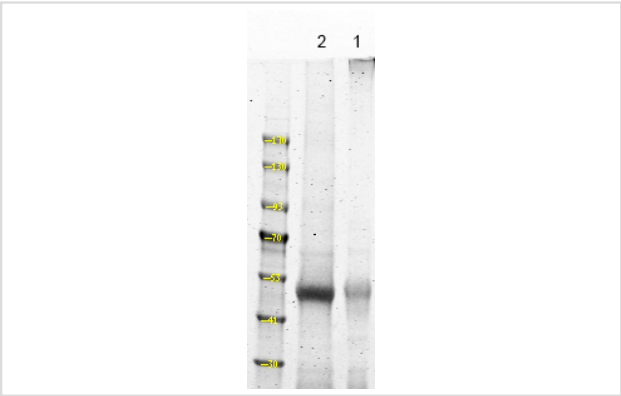
Description

Product Name	NDR1/2 (Phospho-Thr444/442) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
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	Human;Mouse;Rat
Specificity	NDR1/2 (Phospho-Thr444/442) Antibody detects endogenous levels of NDR1/2 only when phosphorylated at Thr444/442
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human NDR1/2 (Phospho-Thr444/442)
Conjugates	Unconjugated
Target Name	NDR1/2
Modification	Phospho
Other Names	STK38, NDR1 protein kinase, Nuclear Dbf2-related kinase 1, NDR1, NDR, Ndr protein kinase, Nuclear Dbf2-related 1, Serine/threonine kinase 38
Accession No.	Swiss-Prot#: Q15208/Q9Y2H1NCBI Gene ID: 11329/23012
Target Species	human
Calculated MW	51kDa
Concentration	1.0mg/ml
Formulation	Rabbit IgG 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

Application Details

Western blotting: 1:1000

Images



Western Blot analysis of lysates of 1. MCF-7 cell and 2. MCF-7 cell treated with 100ng/mL LPS for 30min, using primary antibody at 1:1000 dilution.

Published Papers

el at., Prevention of calpaln-dependent degradation of STK38 by MEKK2-mediated phosphorylation. In Sci Rep on 2019 Nov 5 by Enomoto A, Fukasawa T,et al..PMID:31690749, , (2019)

PMID:31690749

el at., NDR1 increases NOTCH1 signaling activity by impairing Fbw7 mediated NICD degradation to enhance breast cancer stem cell properties.In Mol Med. 2022 May 4 by Ling-Ling Wang, Xiao-Yun Wan, et al..PMID:35508987, , (2022)

PMID:35508987

el at., Microautophagy regulated by STK38 and GABARAPs is essential to repair lysosomes and prevent aging In EMBO RepOn2023 Dec 6byMonami Ogura , Tatsuya Kaminishi et al..PMID:37987447, , (2023)

PMID:37987447

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