

ARG43421 anti-STK38 / NDR1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes STK38 / NDR1
Tested Reactivity	Hu, Rat
Predict Reactivity	Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	STK38 / NDR1
Species	Human
Immunogen	Synthetic peptide around the C-terminus of Human STK38 / NDR1 (NP_009202.1). (C-KPTVATSNHPET)
Conjugation	Un-conjugated
Alternate Names	Nuclear Dbf2-related kinase 1; NDR1 protein kinase; Serine/threonine-protein kinase 38; EC 2.7.11.1; NDR; NDR1

Application Instructions

Application table	Application	Dilution
	WB	0.5 - 2 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human spleen	
Observed Size	~ 55 kDa	

Properties

Form	Liquid
Purification	Ammonium sulphate precipitation followed by affinity purification with immunogen.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

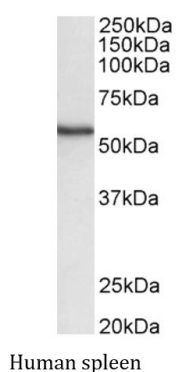
before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	STK38
Gene Full Name	serine/threonine kinase 38
Background	This gene encodes a member of the AGC serine/threonine kinase family of proteins. The kinase activity of this protein is regulated by autophosphorylation and phosphorylation by other upstream kinases. This protein has been shown to function in the cell cycle and apoptosis. This protein has also been found to regulate the protein stability and transcriptional activity of the MYC oncogene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015]
Function	Negative regulator of MAP3K1/2 signaling. Converts MAP3K2 from its phosphorylated form to its non-phosphorylated form and inhibits autophosphorylation of MAP3K2. [UniProt]
Calculated Mw	54 kDa
PTM	ISGylated. Phosphorylated by STK3/MST2 and this is enhanced by MOBKL1B. [UniProt]
Cellular Localization	Nucleus. Cytoplasm. [UniProt]

Images



ARG43421 anti-STK38 / NDR1 antibody WB image

Western blot: 35 µg of Human spleen lysate (in RIPA buffer) stained with ARG43421 anti-STK38 / NDR1 antibody at 0.5 µg/ml dilution and incubated at RT for 1 hour.