ARG66901
anti-STK38 / NDR1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes STK38 / NDR1
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	STK38 / NDR1
Species	Human
Immunogen	Synthetic peptide between aa. 390-470 of Human STK38 / NDR1.
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	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	HCT116
Observed Size	~ 65 kDa

Properties

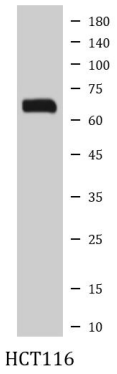
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. 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



ARG66901 anti-STK38 / NDR1 antibody WB image

Western blot: HCT116 cell lysate stained with ARG66901 anti-STK38 / NDR1 antibody at 1:1000 dilution, overnight at 4°C.