

Datasheet for ABIN2783482
anti-STK38 antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	STK38
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Pig, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STK38 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human STK38
Sequence:	IGAPGVVEIK SNSFFEGVDW EHIRERPAAI SIEIKSIDDT SNFDEFPESD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against STK38. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	STK38
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Target Details

Alternative Name:	STK38 (STK38 Products)
Background:	STK38 belongs to the protein kinase superfamily, AGC Ser/Thr protein kinase family. It contains 1 AGC-kinase C-terminal domain and 1 protein kinase domain. NDR-driven centrosome duplication requires Cdk2 activity and that Cdk2-induced centrosome amplification is affected upon reduction of NDR activity. Alias Symbols: NDR, NDR1 Protein Interaction Partner: SUMO2, UBC, ZBTB1, FBXO6, NPM1, S100B, HSP90AA1, MOB1B, MOB2, SMURF1, EIF4A3, MAGOH, RICTOR, NOTCH1, MTOR, MAPKAP1, MOB1A, STK38, MAP3K2, MAP3K1, GRK5, CALM1, TCF3, ARRB2, ARRB1, VHL, Chek2, YWHAZ, YWHAB, AGO3, CTDP1, MYSM1, HERC5, ISG15, TRIM25, Protein Size: 465
Molecular Weight:	54 kDa
Gene ID:	11329
NCBI Accession:	NM_007271 , NP_009202
UniProt:	Q15208

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 465 AA
Restrictions:	For Research Use only

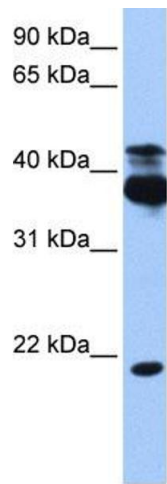
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-STK38 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that STK38 is expressed in HepG2