

Datasheet for ABIN391097
anti-STK38 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	STK38
Binding Specificity:	AA 410-439, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STK38 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This STK38 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 410-439 amino acids from the C-terminal region of human STK38.
Clone:	RB9191
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	STK38
Alternative Name:	STK38 (STK38 Products)

Target Details

Background: Stk38, also known as NUCLEAR DBF2-RELATED PROTEIN, contains 1 protein kinase domain that interacts with mob1 and mob2. The homodimeric s100b binds to two molecules of stk38. It is ubiquitously expressed with highest levels observed in peripheral blood leukocytes. Stk38 is activated by binding of s100b which releases autoinhibitory n-lobe interactions, enabling atp to bind and the autophosphorylation of ser-281. thr-444 then undergoes calcium- dependent phosphorylation by an upstream kinase. Interactions between phosphorylated thr-444 and the n-lobe promote additional structural changes that complete the activation of the kinase. Autoinhibition is also released by the binding of mob1/mobkl1a and mob2/hcca2 to the n-terminal of stk38.

Molecular Weight: 54190

Gene ID: 11329

NCBI Accession: [NP_009202](#)

UniProt: [Q15208](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

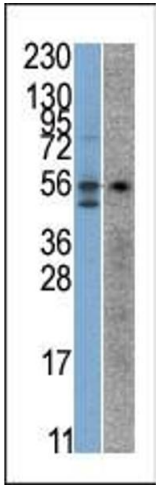
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. The anti-STK38 Pab (ABIN391097 and ABIN2841236) is used in Western blot to detect STK38 in SK-Br-3 (left) and Jurkat (right) cell line lysates.