

Datasheet for ABIN2788413  
**anti-MKNK1 antibody (C-Term)**



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2 Images

## Overview

Quantity:	100 µL
Target:	MKNK1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MKNK1 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 MKNK1
Sequence:	HEENELAEPP EALADGLCSM KLSPPCKSRL ARRRALAQAG RGEDRSPPTA
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against MKNK1. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	MKNK1
Alternative Name:	MKNK1 ( <a href="#">MKNK1 Products</a> )

## Target Details

Background:	<p>MKNK1 may play a role in the response to environmental stress and cytokines. It appears to regulate transcription by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap.</p> <p>Alias Symbols: MNK1</p> <p>Protein Interaction Partner: MAPK11, MAPK14, TNIP2, RCN3, HIPK2, HGS, APP, SPRY2, ATXN3, PHAX, DDAH2, EIF4G3, UBE2D1, DNAJC7, PRKDC, HSP90AB1, CREBBP, MKNK1, EIF4G2, PLA2G4A, EIF4G1, PAK2, MAPK3, MAPK1, MBP, EIF4E, FANCA,</p> <p>Protein Size: 465</p>
Molecular Weight:	51 kDa
Gene ID:	8569
NCBI Accession:	<a href="#">NM_003684</a> , <a href="#">NP_003675</a>
UniProt:	<a href="#">Q9BUB5</a>
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Hepatitis C</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a>

## Application Details

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

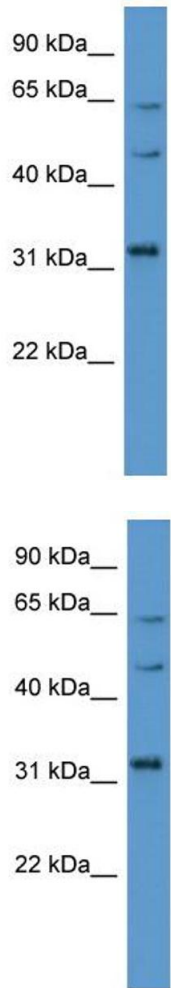
## Handling

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.
Storage:	-20 °C

Handling

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-MKNK1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: 293T cell lysate

Western Blotting

Image 2. WB Suggested Anti-MKNK1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: 93T cell lysate

MKNK1 is supported by BioGPS gene expression data to be expressed in HEK293T