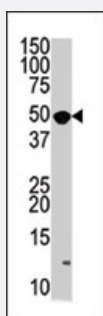


# MKNIK1 polyclonal antibody

Catalog # PAB2708

Size 400 uL

## Applications



### Western Blot (Cell lysate)

The MKNIK1 polyclonal antibody (Cat # PAB2708) is used in Western blot to detect MKNIK1 in A2058 cell lysate.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of MKNIK1.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human MKNIK1.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein G purification
<b>Recommend Usage</b>	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

The MKNK1 polyclonal antibody (Cat # PAB2708) is used in Western blot to detect MKNK1 in A2058 cell lysate.

## Gene Info — MKNK1

Entrez GeneID	<a href="#">8569</a>
Protein Accession#	<a href="#">NP_003675:Q9BUB5</a>
Gene Name	MKNK1
Gene Alias	MNK1
Gene Description	MAP kinase interacting serine/threonine kinase 1
Omim ID	<a href="#">606724</a>
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	MAP kinase interacting kinase 1 MAP kinase-interacting serine/threonine kinase 1 OTTHUMP0000009674

## Publication Reference

- [Phosphorylation of Mnk1 by caspase-activated Pak2/gamma-PAK inhibits phosphorylation and interaction of eIF4G with Mnk.](#)

Orton KC, Ling J, Waskiewicz AJ, Cooper JA, Merrick WC, Korneeva NL, Rhoads RE, Sonenberg N, Traugh JA.

The Journal of Biological Chemistry 2004 Jul; 279(37):38649.

- [Structural basis for competitive inhibition of eIF4G-Mnk1 interaction by the adenovirus 100-kilodalton protein.](#)

Cuesta R, Xi Q, Schneider RJ.

Journal of Virology 2004 Jul; 78(14):7707.

- [Negative regulation of protein translation by mitogen-activated protein kinase-interacting kinases 1 and 2.](#)

Knauf U, Tschopp C, Gram H.

Molecular and Cellular Biology 2001 Aug; 21(16):5500.

## Pathway

- [Insulin signaling pathway](#)
- [MAPK signaling pathway](#)

## Disease

- [Tobacco Use Disorder](#)