abcam

Product datasheet

Anti-MAP4K4/NIK antibody ab69885

2 Images

Overview

Product name	Anti-MAP4K4/NIK antibody
Description	Rabbit polyclonal to MAP4K4/NIK
Host species	Rabbit
Tested applications	**Suitable for:** WB, ICC/IF
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse
Immunogen	Synthetic peptide corresponding to Human MAP4K4/NIK (internal sequence).
Positive control	A549 cells. Extracts from COLO and HUVEC cells.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab69885 in the following tested applications.

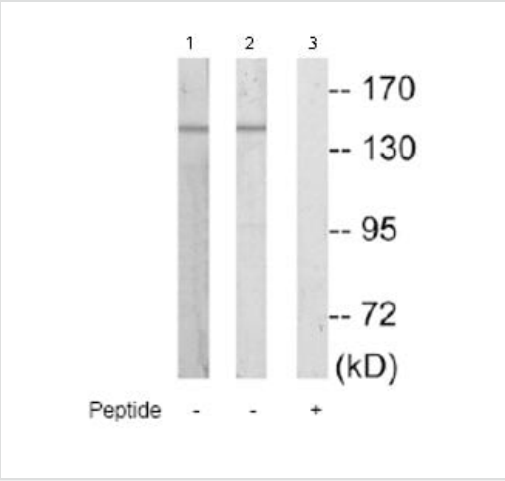
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 142 kDa (predicted molecular weight: 142 kDa).
ICC/IF		1/500 - 1/1000.

Target

Function	Serine/threonine kinase that may play a role in the response to environmental stress and cytokines such as TNF-alpha. Appears to act upstream of the JUN N-terminal pathway.
Tissue specificity	Appears to be ubiquitous. Expressed in all tissue types examined. Isoform 5 appears to be more abundant in the brain. Isoform 4 is predominant in the liver, skeletal muscle and placenta.
Sequence similarities	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily. Contains 1 CNH domain. Contains 1 protein kinase domain.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Cytoplasm.

Images



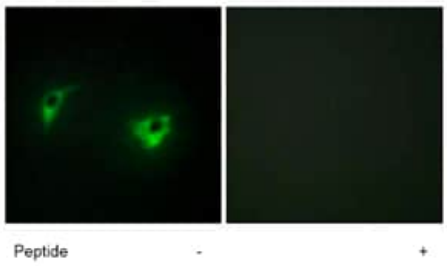
Western blot - Anti-MAP4K4/NIK antibody (ab69885)

All lanes : Anti-MAP4K4/NIK antibody (ab69885) at 1/500 dilution

Lane 1 : Extracts from COLO cells
Lane 2 : Extracts from HUVEC cells
Lane 3 : Extracts from HUVEC cells with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 142 kDa
Observed band size: 142 kDa



Immunocytochemistry/ Immunofluorescence - Anti-MAP4K4/NIK antibody (ab69885)

Immunofluorescence analysis of A549 cells using ab69885 at 1/500 dilution, in the presence or absence of the immunising peptide.

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