

Datasheet for ABIN3031854
anti-MAP4K4 antibody (AA 618-649)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	MAP4K4
Binding Specificity:	AA 618-649
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4K4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 618-649 from the human protein was used as the immunogen for this NIK antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	MAP4K4
Alternative Name:	NIK (Nck-Interacting Kinase) (MAP4K4 Products)
Background:	HGK/NIK, a member of the STE20 subfamily of Ser/Thr protein kinases, may play a role in the response to environmental stress and cytokines such as TNF-alpha. It appears to act upstream of the JUN N-terminal pathway. This protein is thought to interact with the SH3 domain of the

Target Details

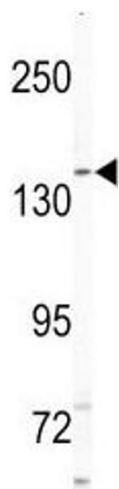
adapter proteins Nck. HGK/NIK binds, via its CNH regulatory domain, to the N-terminal region of SPG3A. Expression appears to be ubiquitous, expressed in all tissue types examined. Isoform 5 appears to be more abundant in the brain, and isoform 4 is predominant in the liver, skeletal muscle and placenta.

UniProt: [O95819](#)

Application Details

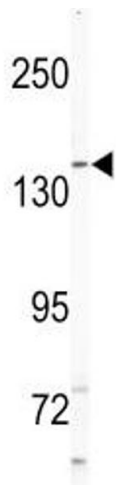
Application Notes:	Titration of the NIK antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the NIK antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of NIK antibody and Jurkat lysate. Predicted molecular weight ~140 kDa.



Western Blotting

Image 2. Western blot analysis of NIK antibody and Jurkat lysate. Predicted molecular weight ~140 kDa.