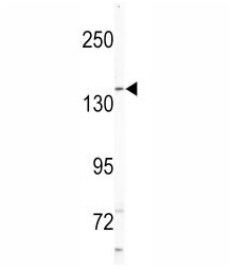
NIK Antibody (Nck-interacting kinase) (F50948)

Catalog No.	Formulation	Size
F50948-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50948-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O95819
Applications	Western blot: 1:1000
Limitations	This NIK antibody is available for research use only.



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

Description

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 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.

Application Notes

Titration of the NIK antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 618-649 from the human protein was used as the immunogen for this NIK antibody.

Storage

Aliquot the NIK antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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