

Nap1 Polyclonal Antibody
Catalog # AP71161**Specification**

Nap1 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	Q9H6S1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Nap1 Polyclonal Antibody - Additional Information**Gene ID** 64343**Other Names**

AZI2; NAP1; 5-azacytidine-induced protein 2; NF-kappa-B-activating kinase-associated protein 1; Nak-associated protein 1; TILP

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Nap1 Polyclonal Antibody - Protein Information**Name** AZI2**Synonyms** NAP1 {ECO:0000303|PubMed:14560022}, TBKB**Function**

Adapter protein which binds TBK1 and IKBKE playing a role in antiviral innate immunity (PubMed:14560022, PubMed:21931631). Activates serine/threonine-protein kinase TBK1 and facilitates its oligomerization (PubMed:14560022, PubMed:21931631). Enhances the phosphorylation of NF-kappa-B p65 subunit RELA by TBK1 (PubMed:14560022, PubMed:21931631). Promotes TBK1-induced as well as TNF-alpha or PMA-induced activation of NF-kappa-B (PubMed:14560022, PubMed:21931631).

[14560022](http://www.uniprot.org/citations/14560022), PubMed:<[21931631](http://www.uniprot.org/citations/21931631)>). Participates in IFNB promoter activation via TICAM1 (PubMed:<[15611223](http://www.uniprot.org/citations/15611223)>).

Cellular Location

Cytoplasm.

Tissue Location

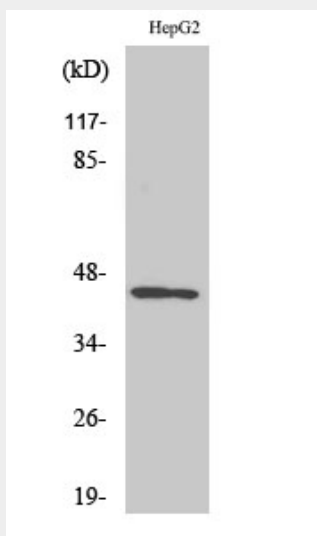
Widely expressed (PubMed:14560022). Abundant expression seen in the pancreas and testis (PubMed:14560022)

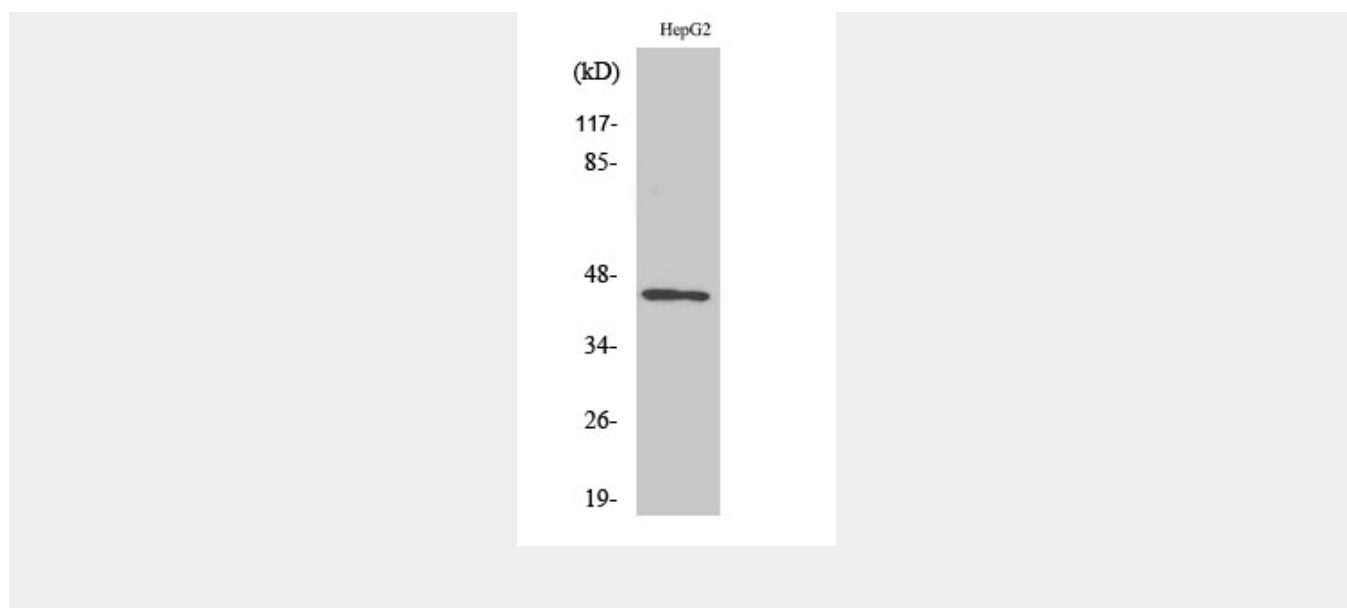
Nap1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Nap1 Polyclonal Antibody - Images





Nap1 Polyclonal Antibody - Background

Adapter protein which binds TBK1 and IKKε playing a role in antiviral innate immunity. Activates serine/threonine- protein kinase TBK1 and facilitates its oligomerization. Enhances the phosphorylation of NF-κB p65 subunit RELA by TBK1. Promotes TBK1-induced as well as TNF-α or PMA-induced activation of NF-κB. Participates in IFNβ promoter activation via TICAM1.