

# NAP1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51007

## Product Information

Application	WB
Primary Accession	<a href="#">Q9H6S1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44935

## Additional Information

Gene ID	64343
Other Names	5-azacytidine-induced protein 2, NF-kappa-B-activating kinase-associated protein 1, Nak-associated protein 1, TILP, AZI2, NAP1, TBKBP2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human NAP1. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## 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: <a href="#">14560022</a> , PubMed: <a href="#">21931631</a> ). Activates serine/threonine-protein kinase TBK1 and facilitates its oligomerization (PubMed: <a href="#">14560022</a> , PubMed: <a href="#">21931631</a> ). Enhances the phosphorylation of NF-kappa-B p65 subunit RELA by TBK1 (PubMed: <a href="#">14560022</a> , PubMed: <a href="#">21931631</a> ). Promotes TBK1-induced as well as TNF-alpha or PMA-induced activation of NF-kappa-B (PubMed: <a href="#">14560022</a> , PubMed: <a href="#">21931631</a> ). Participates in IFNB promoter activation via TICAM1 (PubMed: <a href="#">15611223</a> ).
Cellular Location	Cytoplasm.
Tissue Location	Widely expressed (PubMed:14560022). Abundant expression seen in the

## Background

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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.

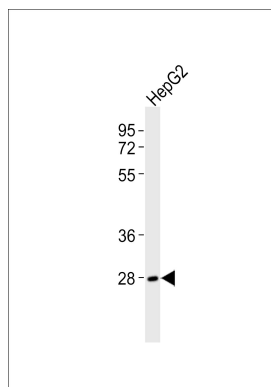
## References

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- Fujita F.,et al.Mol. Cell. Biol. 23:7780-7793(2003).  
Inohara N.,et al.Submitted (JAN-1998) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Muzny D.M.,et al.Nature 440:1194-1198(2006).  
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## Images

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Anti-NAP1 Antibody at 1:1000 dilution + HepG2 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 45 kDa  
Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.