

NAP1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51007**Specification**

NAP1 Antibody - Product Information

Application	WB
Primary Accession	O9H6S1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45 KDa
Antigen Region	1 - 60

NAP1 Antibody - 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

NAP1 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). Participates in IFNB promoter activation via TICAM1 (PubMed:15611223).

Cellular Location

Cytoplasm.

Tissue Location

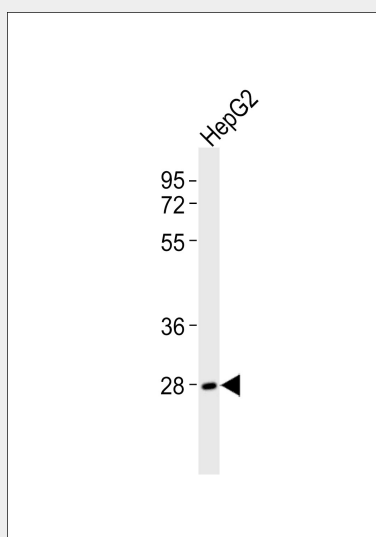
Widely expressed (PubMed:14560022). Abundant expression seen in the pancreas and testis (PubMed:14560022)

NAP1 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 Antibody - Images



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.

NAP1 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-kappa-B p65 subunit RELA by TBK1. Promotes TBK1-induced as well as TNF-alpha or PMA-induced activation of NF-kappa-B. Participates in IFNβ promoter activation via TICAM1.

NAP1 Antibody - References

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).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.