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Nap1 Polyclonal Antibody

Catalog # AP71161

Product Information

Application	WB, IHC-P, IF
Primary Accession	Q9H6S1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44935

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℃

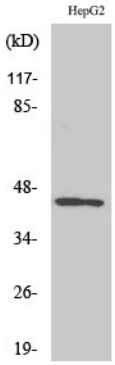
Protein Information

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)

Background

Adapter protein which binds TBK1 and IKBKE 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 IFNB promoter activation via TICAM1.

Images



Western Blot analysis of various cells using Nap1 Polyclonal Antibody