

NAP1 / TAB3 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13578**Specification****NAP1 / TAB3 Antibody (N-Terminus) - Product Information**

Application	IHC
Primary Accession	Q8N5C8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79kDa KDa

NAP1 / TAB3 Antibody (N-Terminus) - Additional Information**Gene ID** 257397**Other Names**

TGF-beta-activated kinase 1 and MAP3K7-binding protein 3, Mitogen-activated protein kinase kinase kinase 7-interacting protein 3, NF-kappa-B-activating protein 1, TAK1-binding protein 3, TAB-3, TGF-beta-activated kinase 1-binding protein 3, TAB3, MAP3K7IP3

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

NAP1 / TAB3 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

NAP1 / TAB3 Antibody (N-Terminus) - Protein Information**Name** TAB3 {ECO:0000303|PubMed:14633987, ECO:0000312|HGNC:HGNC:30681}**Function**

Adapter required to activate the JNK and NF-kappa-B signaling pathways through the specific recognition of 'Lys-63'-linked polyubiquitin chains by its RanBP2-type zinc finger (NZF) (PubMed:14633987, PubMed:14766965, PubMed:15327770, PubMed:22158122). Acts as an adapter linking MAP3K7/TAK1 and TRAF6 to 'Lys-63'-linked polyubiquitin chains (PubMed:14633987, PubMed:14766965, PubMed:15327770, PubMed:22158122, PubMed:36593296). The RanBP2-type zinc finger (NZF) specifically recognizes Lys-63'-linked polyubiquitin chains unanchored or anchored to the substrate proteins such as RIPK1/RIP1 and RIPK2: this acts as a

scaffold to organize a large signaling complex to promote autophosphorylation of MAP3K7/TAK1, and subsequent activation of I-kappa-B-kinase (IKK) core complex by MAP3K7/TAK1 (PubMed:15327770, PubMed:18079694, PubMed:22158122).

Tissue Location

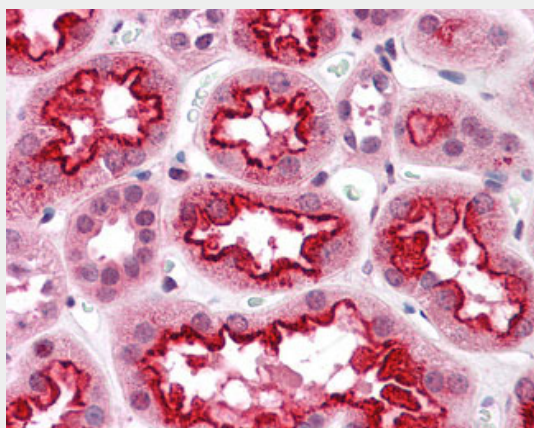
Widely expressed. Constitutively overexpressed in certain tumor tissues. [Isoform 2]: Minor transcript.

NAP1 / TAB3 Antibody (N-Terminus) - 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 / TAB3 Antibody (N-Terminus) - Images



Anti-TAB3 / MAP3K7IP3 antibody IHC of human kidney.

NAP1 / TAB3 Antibody (N-Terminus) - Background

Adapter linking MAP3K7/TAK1 and TRAF6 or TRAF2. Mediator of MAP3K7 activation, respectively in the IL1 and TNF signaling pathways. Plays a role in activation of NF-kappa-B and AP1 transcription factor. Isoform 2 may be an oncogenic factor.

NAP1 / TAB3 Antibody (N-Terminus) - References

Ishitani T., et al. EMBO J. 22:6277-6288(2003).
Cheung P.C., et al. Biochem. J. 378:27-34(2004).
Jin G., et al. Proc. Natl. Acad. Sci. U.S.A. 101:2028-2033(2004).
Ross M.T., et al. Nature 434:325-337(2005).
Tian Y., et al. J. Biol. Chem. 282:16776-16782(2007).