

CTNNBL1 / NAP Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS14767**Specification**

CTNNBL1 / NAP Antibody (C-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	Q8WYA6
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65kDa KDa

CTNNBL1 / NAP Antibody (C-Terminus) - Additional Information**Gene ID** 56259**Other Names**

Beta-catenin-like protein 1, Nuclear-associated protein, NAP, Testis development protein
NYD-SP19, CTNNBL1, C20orf33

Target/Specificity

Human CTNNBL1. CTNNBL1 antibody is predicted to not cross-react with other catenin family members. At least four isoforms of CTNNBL1 are known to exist; this antibody will detect all but isoform b.

Reconstitution & Storage

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

Precautions

CTNNBL1 / NAP Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CTNNBL1 / NAP Antibody (C-Terminus) - Protein Information**Name** CTNNBL1**Synonyms** C20orf33**Function**

Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing. Participates in AID/AICDA-mediated somatic hypermutation (SHM) and class-switch recombination (CSR), 2 processes resulting in the production of high-affinity, mutated isotype-switched antibodies (PubMed:32484799).

Cellular Location

[Isoform 1]: Nucleus.

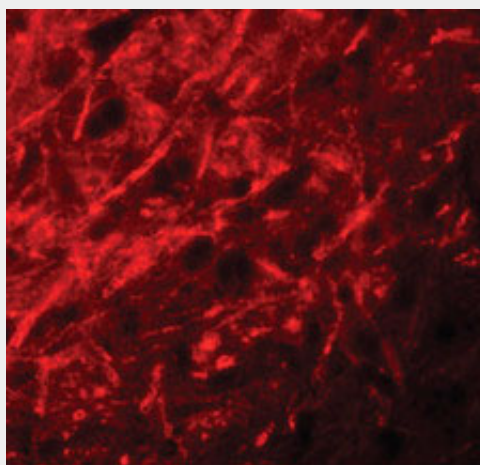
Tissue Location

Widely expressed with highest levels in skeletal muscle, placenta, heart, spleen, testis and thyroid

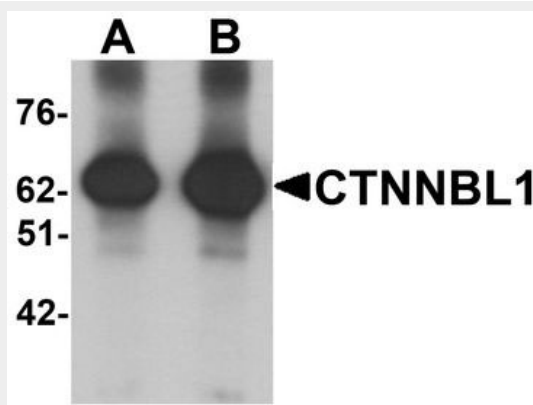
CTNNBL1 / NAP Antibody (C-Terminus) - Protocols

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

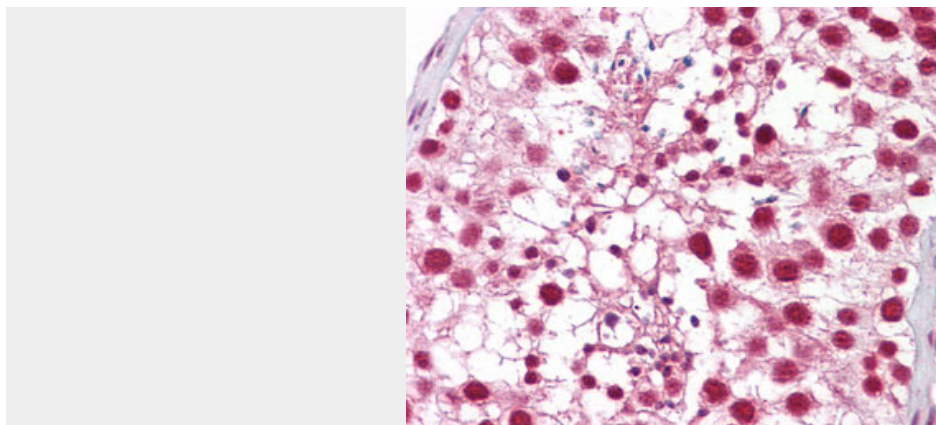
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CTNNBL1 / NAP Antibody (C-Terminus) - Images

Immunofluorescence of CTNNBL1 in mouse brain tissue with CTNNBL1 antibody at 20 ug/ml.



Western blot analysis of CTNNBL1 in human brain tissue lysate with CTNNBL1 antibody at (A) 1 and...



Anti-CTNNB1 antibody IHC of human testis.

CTNNB1 / NAP Antibody (C-Terminus) - Background

Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing. Participates in AID/AICDA-mediated Ig class switching recombination (CSR). May induce apoptosis.

CTNNB1 / NAP Antibody (C-Terminus) - References

- Jabbour L.S.,et al.Genomics 81:292-303(2003).
Sha J.H.,et al.Submitted (APR-2001) to the EMBL/GenBank/DDBJ databases.
Wan D.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 414:865-871(2001).