

TECTB Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10280A**Specification**

TECTB Antibody (N-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	O96PL2
Other Accession	O08524 , NP_478129.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	36956
Antigen Region	54-83

TECTB Antibody (N-term) - Additional Information**Gene ID** 6975**Other Names**

Beta-tectorin, TECTB

Target/Specificity

This TECTB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 54-83 amino acids from the N-terminal region of human TECTB.

Dilution

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TECTB Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TECTB Antibody (N-term) - Protein Information**Name** TECTB

Function One of the major non-collagenous components of the tectorial membrane (By similarity). The tectorial membrane is an extracellular matrix of the inner ear that covers the neuroepithelium of the cochlea and contacts the stereocilia bundles of specialized sensory hair cells. Sound induces movement of these hair cells relative to the tectorial membrane, deflects the stereocilia and leads to fluctuations in hair- cell membrane potential, transducing sound into electrical signals.

Cellular Location

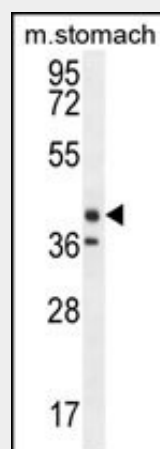
Cell membrane; Lipid-anchor, GPI- anchor; Extracellular side. Secreted, extracellular space, extracellular matrix. Note=Found in the non- collagenous matrix of the tectorial membrane.

TECTB Antibody (N-term) - Protocols

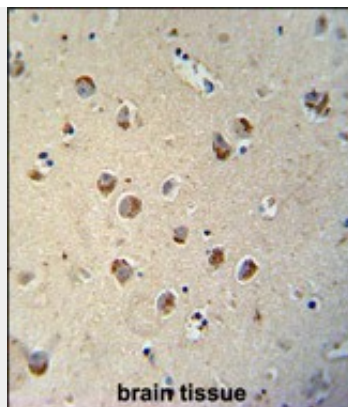
Provided below are standard protocols that you may find useful for product applications.

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

TECTB Antibody (N-term) - Images



TECTB Antibody (N-term) (Cat. #AP10280a) western blot analysis in mouse stomach tissue lysates (35ug/lane). This demonstrates the EKI2 antibody detected the EKI2 protein (arrow).



TECTB antibody (N-term) (Cat. #AP10280a) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TECTB antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

TECTB Antibody (N-term) - Background

The genes for alpha-tectorin (MIM 602574) and beta-tectorin encode the major noncollagenous proteins of the tectorial membrane of the cochlea.

TECTB Antibody (N-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)
Deloukas, P., et al. Nature 429(6990):375-381(2004)
Legan, P.K., et al. J. Biol. Chem. 272(13):8791-8801(1997)