

TECTB Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10280a**Specification**

TECTB Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O96PL2](#)
Other Accession [NP_478129.1](#)

TECTB Antibody (N-term) Blocking peptide - Additional Information

Gene ID 6975

Other Names
Beta-tectorin, TECTB

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TECTB Antibody (N-term) Blocking peptide - 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TECTB Antibody (N-term) Blocking peptide - Images**TECTB Antibody (N-term) Blocking peptide - 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) Blocking peptide - 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)