



[Go to Product page](#)

Datasheet for ABIN1406964  
**anti-TECTB antibody (AA 101-200) (Cy7)**

### Overview

Quantity:	100 µL
Target:	TECTB
Binding Specificity:	AA 101-200
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TECTB antibody is conjugated to Cy7
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TECTB
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	TECTB
Alternative Name:	TECTB ( <a href="#">TECTB Products</a> )

## Target Details

---

**Background:** Synonyms: Beta-tectorin, Tectb, TECTB\_HUMAN, Tectorin beta.

Background: Beta-tectorin is a 329 amino acid secreted protein that contains one zona pellucida (ZP) domain. While it may form homomeric filaments after self-association, Beta-tectorin may also form heteromeric filaments when it associates with  $\alpha$ -tectorin. The presence of a hydrophobic C-terminus preceded by a potential cleavage site strongly suggests that tectorins are synthesized as glycosylphosphatidylinositol-linked, membrane-bound precursors. Tectorins are targeted to the apical surface of the inner ear epithelia and proteolytically released into the extracellular compartment. Beta-tectorin is one of the major non-collagenous components of the tectorial membrane. 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.

**Pathways:** [Sensory Perception of Sound](#)

## Application Details

---

**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

**Concentration:** 1  $\mu$ g/ $\mu$ L

**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

**Preservative:** ProClin

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

**Storage:** -20 °C

**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

**Expiry Date:** 12 months