

**bs-11067R****[ Primary Antibody ]****TECTB Rabbit pAb****Bioss**  
**ANTIBODIES**

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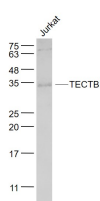
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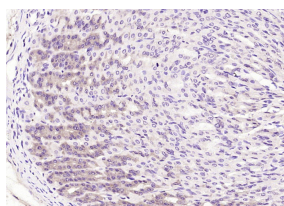
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 6975	<b>SWISS:</b> Q96PL2	<b>IHC-F</b> (1:100-500)
<b>Target:</b> TECTB		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human TECTB: 101-200/329.		<b>Reactivity:</b> Human, Rat (predicted: Mouse, Rabbit, Pig, Sheep, Cow, Dog)
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 32 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Secreted ,Extracellular
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		<b>Location:</b> matrix ,Cell membrane
<b>Background:</b> 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 ?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.		

**— VALIDATION IMAGES —**

Sample: Jurkat(Human) Cell Lysate at 30 ug  
 Primary: Anti- TECTB (bs-11067R) at 1/1000  
 dilution Secondary: IRDye800CW Goat Anti-  
 Rabbit IgG at 1/20000 dilution Predicted band  
 size: 32 kD Observed band size: 32 kD



Paraformaldehyde-fixed, paraffin embedded (rat  
 stomach); Antigen retrieval by boiling in sodium  
 citrate buffer (pH6.0) for 15min; Block  
 endogenous peroxidase by 3% hydrogen  
 peroxide for 20 minutes; Blocking buffer (normal  
 goat serum) at 37°C for 30min; Antibody  
 incubation with (TECTB) Polyclonal Antibody,  
 Unconjugated (bs-11067R) at 1:200 overnight at  
 4°C, followed by operating according to SP  
 Kit(Rabbit) (sp-0023) instructions and DAB  
 staining.