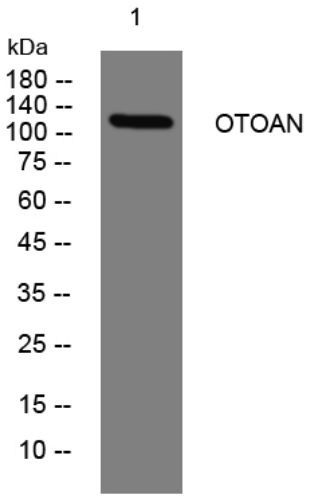
OTOAN rabbit pAb

Catalog No	BYab-11406
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	OTOA
Protein Name	OTOAN
Immunogen	Synthesized peptide derived from human OTOAN AA range: 1044-1094
Specificity	This antibody detects endogenous levels of OTOAN at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Apical cell membrane ; Lipid-anchor, GPI-anchor ; Extracellular side . Secreted, extracellular space, extracellular matrix . At the interface between the apical surface of the epithelia and the overlying acellular gel of the tectorial and otoconial membranes. .
Tissue Specificity	
Function	disease:Defects in OTOA are the cause of non-syndromic sensorineural deafness autosomal recessive type 22 (DFNB22) [MIM:607039]. DFNB22 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.,function:May act as an adhesion molecule.,similarity:Belongs to the stereocilin family.,subcellular location:At the interface between the apical surface of the epithelia and the overlying acellular gel of the tectorial and otoconial membranes.,

Background	The protein encoded by this gene is specifically expressed in the inner ear, and is located at the interface between the apical surface of the inner ear sensory epithelia and their overlying acellular gels. It is prposed that this protein is involved in the attachment of the inner ear acellular gels to the apical surface of the underlying nonsensory cells. Mutations in this gene are associated with autosomal recessive deafness type 22 (DFNB22). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from A549 cells, primary antibody was diluted at 1:1000, 4°over night