

OTOGL rabbit pAb

Catalog No :	YT6398
Reactivity :	Human;Mouse
Applications :	WB
Target :	OTOGL
Gene Name :	OTOGL C12orf64
Protein Name :	OTOGL
Human Swiss Prot No :	Q3ZCN5
Immunogen :	Synthesized peptide derived from human OTOGL AA range: 584-634
Specificity :	This antibody detects endogenous levels of OTOGL at Human
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	78kD
Background :	The protein encoded by this gene belongs to the otogelin family. This gene is expressed in the inner ear of vertebrates with the highest level of expression seen at the embryonic stage and lowest in adult. Knockdown studies in zebrafish suggest that this gene is essential for normal inner ear function. Mutations in this gene are associated with autosomal recessive deafness. [provided by RefSeq,

Dec 2012],

Function :

similarity:Belongs to the otogelin family.,similarity:Contains 1 CTCK (C-terminal cystine knot-like) domain.,similarity:Contains 1 VWFD domain.,

Subcellular Location :

Secreted .

Expression :

Expressed at high levels in fetal inner ear and heart. Low levels in fetal skeletal muscle, kidney, spleen and colon. Not detected in fetal liver, lung, brain, nor in fetal stomach. In adult tissues, highest levels in brain, kidney, heart and retina. Relatively low levels in lung, spleen and duodenum. Not detected in adult skeletal muscle, liver, nor testis.

Products Images

