



# GPR98 rabbit pAb

Cat No.:ES11502

For research use only

## Overview

<b>Product Name</b>	GPR98 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	IHC-p 1:50-300
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	GPR98 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	G-protein coupled receptor 98 (Monogenic audiogenic seizure susceptibility protein 1 homolog) (Usher syndrome type-2C protein) (Very large G-protein coupled receptor 1)
<b>Gene Name</b>	GPR98 KIAA0686 KIAA1943 MASS1 VLGR1
<b>Cellular localization</b>	Cell membrane ; Multi-pass membrane protein . Cell projection, stereocilium membrane . Photoreceptor inner segment . Localizes at the ankle region of the stereocilia. In photoreceptors, localizes at a plasma membrane microdomain in the apical inner segmen
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	693kD
<b>Human Gene ID</b>	84059
<b>Human Swiss-Prot Number</b>	Q8WVG9
<b>Alternative Names</b>	
<b>Background</b>	This gene encodes a member of the G-protein coupled receptor superfamily. The encoded protein





contains a 7-transmembrane receptor domain, binds calcium and is expressed in the central nervous system. Mutations in this gene are associated with Usher syndrome 2 and familial febrile seizures. Several alternatively spliced transcripts have been described. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

