

[Go to Product page](#)

Datasheet for ABIN4889610

**anti-USH1G antibody (Internal Region)**

## Overview

Quantity:	100 µg
Target:	USH1G
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USH1G antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)

## Product Details

Immunogen:	Synthetic peptide of derived from internal part of human USH1G.
Specificity:	Reacts with human and mouse USH1G
Purification:	Purified (protein A)

## Target Details

Target:	USH1G
Alternative Name:	USH1G ( <a href="#">USH1G Products</a> )
Background:	Required for normal development and maintenance of cochlear hair cell bundles. Anchoring/scaffolding protein that is a part of the functional network formed by USH1C, USH1G, CDH23 and MYO7A that mediates mechanotransduction in cochlear hair cells. Required for normal hearing.

## Target Details

Gene ID:	124590
UniProt:	<a href="#">Q495M9</a>
Pathways:	<a href="#">Sensory Perception of Sound</a>

## Application Details

Application Notes:	Working dilution: Optimal dilutions should be determined by the end user. The following are guidelines only: - WB : 1/500 to 1/2000 - ICC, IF: 1/200 to 1/1000
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Lyophilized
Reconstitution:	Must be reconstituted in distilled water.
Concentration:	1 mg/mL
Buffer:	Tris 0,1M, glycine 0,1M
Storage:	4 °C/-20 °C
Storage Comment:	Short term storage at+4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.
Expiry Date:	6 months