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Datasheet for ABIN7175157

**anti-USH1G antibody (AA 1-300) (HRP)**

## Overview

Quantity:	100 µg
Target:	USH1G
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USH1G antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Usher syndrome type-1G protein (1-300AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	USH1G
Alternative Name:	USH1G ( <a href="#">USH1G Products</a> )
Background:	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,

## Target Details

USH1G, CDH23 and MYO7A that mediates mechanotransduction in cochlear hair cells.

Required for normal hearing.

Aliases: ANKS 4A antibody, ANKS4A antibody, FLJ33924 antibody, SANS antibody, Scaffold protein containing ankyrin repeats and SAM domain antibody, USH 1G antibody, USH1G antibody, USH1G\_HUMAN antibody, Usher syndrome 1G (autosomal recessive) antibody, Usher syndrome type 1G protein antibody, Usher syndrome type-1G protein antibody

UniProt: [Q495M9](#)

Pathways: [Sensory Perception of Sound](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.