Datasheet for ABIN1881984

anti-USH1C antibody (N-Term)

2 Images | 4 Publications

Go to Product page

Overview

Quantity:	400 µL
Target:	USH1C
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USH1C antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This USH1C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human USH1C.
Clone:	RB41722
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	USH1C
Alternative Name:	USH1C (USH1C Products)

Target Details

Background:	This gene encodes a scaffold protein that functions in the assembly of Usher protein complexes. The protein contains PDZ domains, a coiled-coil region with a bipartite nuclear localization signal and a PEST degradation sequence. Defects in this gene are the cause of Usher syndrome type 1C and non-syndromic sensorineural deafness autosomal recessive type 18. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	62211
NCBI Accession:	NP_005700, NP_710142
UniProt:	Q9Y6N9
Pathways:	Sensory Perception of Sound

Application Details

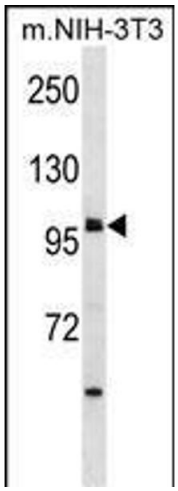
Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

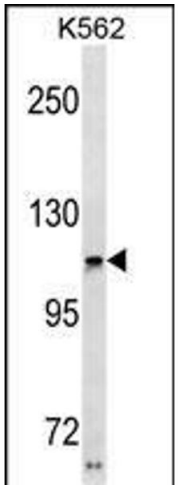
Publications

Product cited in:	Hirakawa, Nakayama, Shibata, Sekine: "Association of cellular localization of glycogen synthase kinase 3beta in the digestive tract with cancer development." in: **Oncology reports**, Vol. 22, Issue 3, pp. 481-5, (2009) (PubMed).



Western Blotting

Image 1. USH1C Antibody (N-term) (ABIN1881984 and ABIN2838647) western blot analysis in mouse NIH-3T3 cell line lysates (35 µg/lane).This demonstrates the USH1C antibody detected the USH1C protein (arrow).



Western Blotting

Image 2. USH1C Antibody (N-term) (ABIN1881984 and ABIN2838647) western blot analysis in K562 cell line lysates (35 µg/lane).This demonstrates the USH1C antibody detected the USH1C protein (arrow).