

DATASHEET

Harmonin Rabbit Polyclonal Antibody

CAT. NO. APA14372

KEY FEATURES

Target	Harmonin	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

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 development and maintenance of cochlear hair cell bundles. As part of the intermicrovillar adhesion complex/IMAC plays a role in brush border differentiation, controlling microvilli organization and length. Probably plays a central regulatory role in the assembly of the complex, recruiting CDHR2, CDHR5 and MYO7B to the microvilli tips.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

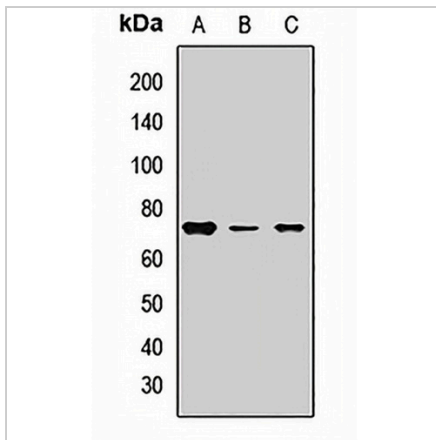
Description	Rabbit polyclonal antibody to Harmonin
Specificity	Recognizes endogenous levels of Harmonin protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Harmonin
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 45; Observed: 73 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	AIE75; Harmonin; Antigen NY-CO-38/NY-CO-37; Autoimmune enteropathy-related antigen AIE-75; Protein PDZ-73; Renal carcinoma antigen NY-REN-3; Usher syndrome type-1C protein
Gene Symbol	USH1C
Entrez Gene	10083(Human); 72088(Mouse)
SwissProt	Q9Y6N9(Human); Q9ES64(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of Harmonin expression in HeLa (A), mouse kidney (B), rat kidney (C) whole cell lysates. (Predicted band size: 45; 58; 60; 62; 101 kD; Observed band size: 73 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.