

ARG45865
anti-Zebrafish USH2A antibodyPackage: 200 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes USH2A
Tested Reactivity	Zfsh
Tested Application	IHC-Fr
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	USH2A
Species	Zebrafish
Conjugation	Un-conjugated
Alternate Names	USH2A; Usherin; RP39; Usher Syndrome 2A (Autosomal Recessive, Mild); Usher Syndrome Type IIa Protein; Usher Syndrome Type-2A Protein; USH2; DJ1111A8.1; US2

Application Instructions

Application table	Application	Dilution
	IHC-Fr	1:200
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

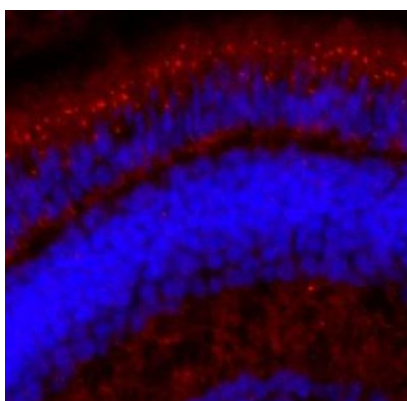
Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	0.9% NaCl, 0.2% Na2HPO4, 0.02% Sodium azide and 50% glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% glycerol
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	USH2A
Gene Full Name	Usherin
Background	This gene encodes a protein that contains laminin EGF motifs, a pentaxin domain, and many fibronectin type III motifs. The protein is found in the basement membrane, and may be important in development and homeostasis of the inner ear and retina. Mutations within this gene have been associated with Usher syndrome type IIa and retinitis pigmentosa. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]
Function	Involved in hearing and vision as member of the USH2 complex. In the inner ear, required for the maintenance of the hair bundle ankle formation, which connects growing stereocilia in developing cochlear hair cells. In retina photoreceptors, the USH2 complex is required for the maintenance of periciliary membrane complex that seems to play a role in regulating intracellular protein transport.. [UniProt]
PTM	Disulfide bond ; Glycoprotein. [UniProt]
Cellular Localization	Cell membrane; Cell projection; Membrane; Secreted. [UniProt]

Images



ARG45865 anti-Zebrafish USH2A antibody IHC-Fr image

Immunohistochemistry: Frozen Zebrafish retina stained with ARG45865 anti-Zebrafish USH2A antibody at 1:200 dilution.
