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anti-Myosin VIIA antibody (AA 851-950) (AbBy Fluor® 555)



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Quantity:	100 μL
Target:	Myosin VIIA (MYO7A)
Binding Specificity:	AA 851-950
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin VIIA antibody is conjugated to AbBy Fluor® 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Myosin VIIa
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	Myosin VIIA (MYO7A)
Alternative Name:	Myosin 7a (MYO7A Products)

Target Details

Background:	Synonyms: DFNB2, MYU7A, NSRD2, USH1B, DFNA11, MYOVIIA, Unconventional myosin-VIIa,
	MY07A Real/ground: Myoning are notin based mater malegular with ATDaga notivity. Unconventional
	Background: Myosins are actin-based motor molecules with ATPase activity. Unconventional
	myosins serve in intracellular movements. Their highly divergent tails bind to membranous
	compartments, which are then moved relative to actin filaments. In the retina, plays an
	important role in the renewal of the outer photoreceptor disks. Plays an important role in the
	distribution and migration of retinal pigment epithelial (RPE) melanosomes and phagosomes,
	and in the regulation of opsin transport in retinal photoreceptors. In the inner ear, plays an
	important role in differentiation, morphogenesis and organization of cochlear hair cell bundles.
	Involved in hair-cell vesicle trafficking of aminoglycosides, which are known to induce
	ototoxicity (By similarity). Motor 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.
Gene ID:	4647
UniProt:	Q13402
Pathways:	Sensory Perception of Sound
Application Details	
Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
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

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months