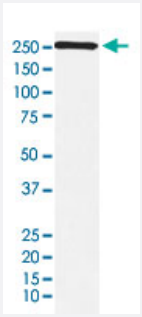
MYO7A monoclonal antibody, clone AFCH-13

Catalog # MAB22299 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of Y-79 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human MYO7A.
Immunogen	A synthetic peptide corresponding to human MYO7A.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody reacts with human, mouse, rat MYO7A, in native form and recombinant. Superfamily m embers of MYO7A are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — MYO7A

Entrez GeneID	4647
Protein Accession#	Q13402
Gene Name	MYO7A
Gene Alias	DFNA11, DFNB2, MYOVIIA, MYU7A, NSRD2, USH1B
Gene Description	myosin VIIA
Omim ID	276900 276903 600060 601317
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the myosin gene family. Myosins are mechanochemical proteins charac terized by the presence of a motor domain, an actin-binding domain, a neck domain that interacts with other proteins, and a tail domain that serves as an anchor. This gene encodes an unconventi onal myosin with a very short tail. Defects in this gene are associated with the mouse shaker-1 ph enotype and the human Usher syndrome 1B which are characterized by deafness, reduced vestib ular function, and (in human) retinal degeneration. Alternative splicing results in multiple transcript variants. [provided by RefSeq
Other Designations	deafness, autosomal dominant 11|deafness, autosomal recessive 2|myosin VIIA (Usher syndrom e 1B (autosomal recessive, severe))

Disease

- Abnormalities
- Atherosclerosis

- Calcinosis
- Coronary Artery Disease
- Deafness
- Genetic Predisposition to Disease
- Hearing Disorders
- Hearing Loss
- Malignant melanoma
- Melanoma
- Retinal Diseases
- Skin Neoplasms
- Syndrome
- Usher Syndromes