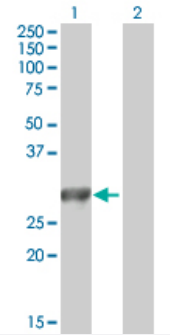
MaxPab®

MYO3A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00053904-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MYO3A expression in transfected 293T cell line (H00053904-T01) by MYO3A MaxPab polyclonal antibody.

Lane 1: MYO3A transfected lysate(27.17 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MYO3A protein.
Immunogen	MYO3A (AAH45538.1, 1 a.a. ~ 247 a.a) full-length human protein.
Sequence	MFPLIGKTIIFDNFPDPSDTWEITETIGKGTYGKVFKVLNKKNGQKAAVKILDPIHDIDEEIEAGYNILK ALSDHPNVVRFYGIYFKKDKVNGDKLWLVLELCSGGSVTDLVKGFLKRGERMSEPLIAYILHEALM GLQHLHNNKTIHRDVKGNNILLTTEGGVKLVDFGVSAQLTSTRHRRNTSVGTPFWMAPEVIACEQ QLDTTYDARCDTWSLGITAIELGDGDPPLADLHPMRALFKIPRSDD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

Gene Info — MYO3A

Entrez GeneID	53904
GeneBank Accession#	BC045538.1
Protein Accession#	AAH45538.1
Gene Name	MYO3A
Gene Alias	DFNB30
Gene Description	myosin IIIA
Omim ID	606808 607101
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the myosin superfamily. Myosins are actin-dependent motor proteins and are categorized into conventional myosins (class II) and unconventional myosins (classes I and III through XV) based on their variable C-terminal cargo-binding domains. Class III myosins, such as this one, have a kinase domain N-terminal to the conserved N-terminal motor domains and are expressed in photoreceptors. The protein encoded by this gene plays an important role in hearing in humans. Three different recessive, loss of function mutations in the encoded protein have been shown to cause nonsyndromic progressive hearing loss. Expression of this gene is highly restricted, with the strongest expression in retina and cochlea. [provided by RefSeq
Other Designations	OTTHUMP00000019339

Disease

- Alzheimer Disease
- Anxiety Disorders

- Arthritis
- Colorectal Neoplasms
- Depressive Disorder
- Genetic Predisposition to Disease
- Kidney Failure