

Datasheet

MYO7A polyclonal antibody (A01)

Catalog Number: H00004647-A01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a partial recombinant MYO7A.

Immunogen: MYO7A (NP_000251, 2118 a.a. ~ 2213 a.a) partial recombinant protein with GST tag.

Sequence:

KQTTEPNFPEILLIANKYGVSLIDPKTKDILTTHPFTKIS
NWSSGNTYFHITIGNLVRGSKLLCETSLGYKMDDLTS
YISQMLTAMSKQRGSRS

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4647

Gene Symbol: MYO7A

Gene Alias: DFNA11, DFNB2, MYOVIIA, MYU7A, NSRD2, USH1B

Gene Summary: This gene is a member of the myosin gene family. Myosins are mechanochemical proteins characterized 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 unconventional myosin with a very short tail. Defects in this gene are associated with the mouse shaker-1 phenotype and the human Usher syndrome 1B which are characterized by

deafness, reduced vestibular function, and (in human) retinal degeneration. Alternative splicing results in multiple transcript variants. [provided by RefSeq]