

Product Name: MYO1A Rabbit Polyclonal Antibody**Catalog #: APRab14322**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	114kDa

Antigen Information

Gene Name	MYO1A MYHL
Alternative Names	
Gene ID	4640.0
SwissProt ID	Q9UBC5
Immunogen	Synthesized peptide derived from human protein . at AA range: 370-450

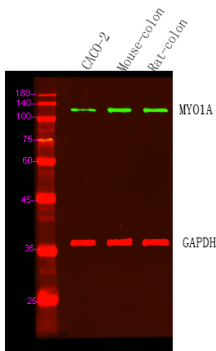
Background

This gene encodes a member of the myosin superfamily. The protein represents an unconventional myosin; it should not be confused with the conventional skeletal muscle myosin-1 (MYH1). Unconventional myosins contain the basic domains characteristic of conventional myosins and are further distinguished from class members by their tail domains. They function as

actin-based molecular motors. Mutations in this gene have been associated with autosomal dominant deafness. Alternatively spliced variants have been found for this gene. [provided by RefSeq, Dec 2011],disease:Defects in MYO1A are the cause of non-syndromic sensorineural deafness autosomal dominant type 48 (DFNA48) [MIM:607841]. DFNA48 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.,function:Involved in directing the movement of organelles along actin filaments .,similarity:Contains 1 myosin head-like domain.,similarity:Contains 3 IQ domains.,

Research Area

Image Data



Western Blot analysis of various cell lysis. Primary Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:10000