

MYO1A Polyclonal Antibody

Catalog No :	YN0903
Reactivity :	Human;Rat;Mouse
Applications :	WB;ELISA
Target :	MYO1A
Fields :	>>Pathogenic Escherichia coli infection
Gene Name :	MYO1A MYHL
Protein Name :	Unconventional myosin-Ia (Brush border myosin I) (BBM-I) (BBMI) (Myosin I heavy chain) (MIHC)
Human Gene Id :	4640
Human Swiss Prot No :	Q9UBC5
Mouse Swiss Prot No :	O88329
Rat Swiss Prot No :	Q62774
Immunogen :	Synthesized peptide derived from human protein . at AA range: 370-450
Specificity :	MYO1A Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year (Do not lower than -25°C)

Observed Band : 114kD

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],

Function : 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.,

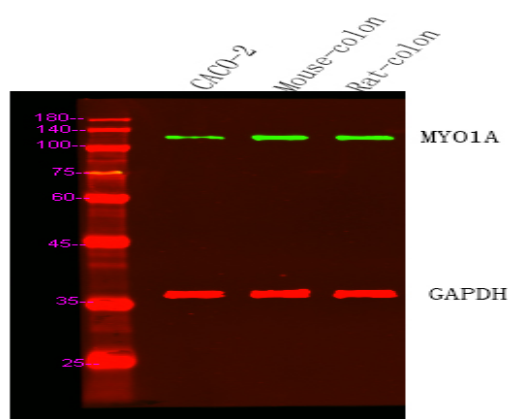
Subcellular Location : cytoplasm, microvillus, brush border, basal plasma membrane, basolateral plasma membrane, apical plasma membrane, lateral plasma membrane, myosin complex, cortical actin cytoskeleton, filamentous actin, plasma membrane raft,

Expression : Intestine, Jejunum, Placenta,

Sort : 20258

No4 : 1

Products Images



Western Blot analysis of various cell lysis. Primary Antibody was diluted at 1:1000. Secondary antibody (catalog#: RS23920) was diluted at 1:10000.