

MYO1A rabbit pAb

Cat No.:ES9849

For research use only

Overview

Product Name	MYO1A rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
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, 0.5% BSA and
	0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Unconventional myosin-Ia (Brush border myosin I)
	(BBM-I) (BBMI) (Myosin I heavy chain) (MIHC)
Gene Name	MYO1A MYHL
Cellular localization	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,
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	114kD
Human Gene ID	4640
Human Swiss-Prot Number	Q9UBC5
Alternative Names	
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



+86-27-59760950

ELKbio@ELKbiotech.com

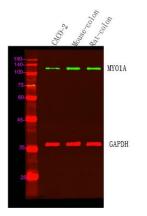
www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C



(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],

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





+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C