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Immunotag™ MYO10 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN0910
Product Description	Immunotag™ MYO10 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	MYO10
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 680-760
Specificity	MYO10 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	MYO10 KIAA0799
Accession No.	Q9HD67 F8VQB6 D3ZJP6

Antibody Specification

Description	myosin X(MYO10) Homo sapiens This gene encodes a member of the myosin superfamily. The protein represents an unconventional myosin; it should not be confused with the conventional non-muscle myosin-10 (MYH10). Unconventional myosins contain the basic domains of conventional myosins and are further distinguished from class members by their tail domains. This gene functions as an actin-based molecular motor and plays a role in integration of F-actin and microtubule cytoskeletons during meiosis. [provided by RefSeq, Dec 2011],
Cell Pathway/ Category	Fc gamma R-mediated phagocytosis,
Protein Expression	Brain,Colon adenocarcinoma,Epithelium,Melanoma,Skeletal muscle,Skin,
Subcellular Localization	ruffle,nucleolus,cytoplasm,cytosol,plasma membrane,cell cortex,myosin complex,lamellipodium,filopodium membrane,filopodium tip,neuron projection,neuronal cell body,
Protein Function	function:Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments (By similarity). Plays a role in regions of dynamic actin.,similarity:Contains 1 FERM domain.,similarity:Contains 1 myosin head-like domain.,similarity:Contains 1 MyTH4 domain.,similarity:Contains 2 PH domains.,similarity:Contains 3 IQ domains.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.