

# MYO10 rabbit pAb

Cat No.:ES9856

For research use only

## Overview

Product Name	MYO10 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: 680-760
Specificity	MYO10 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℃ . Avoid repeated freeze-thaw cycles.
Protein Name	Unconventional myosin-X (Unconventional myosin-10)
Gene Name	MYO10 KIAA0799
Cellular localization	Cytoplasm, cytosol . Cell projection, lamellipodium . Cell projection, ruffle . Cytoplasm, cytoskeleton . Cell projection, filopodium tip . Cytoplasm, cell cortex . Cell projection, filopodium membrane ; Peripheral membrane protein . May be in an inactive, monomeric conformation in the cytosol. Detected in cytoplasmic punctae and in cell projections. Colocalizes with actin fibers. Undergoes forward and rearward movements within filopodia. Interacts with microtubules.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	226kD
Human Gene ID	4651
Human Swiss-Prot Number	Q9HD67





**Alternative Names**  
**Background**

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],

