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anti-Myosin X antibody (C-Term)



Image



Overview

Quantity:	100 μL
Target:	Myosin X (MYO10)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin X antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	TYKIVVDERE LLFETSEVVD VAKLMKAYIS MIVKKRYSTT RSASSQGSSR
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 93%, Horse: 79%, Human: 100%, Mouse: 93%, Rabbit: 92%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against MYO10. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Myosin X (MYO10)
Alternative Name:	MY010 (MY010 Products)
Background:	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.

Alias Symbols: -

Protein Interaction Partner: UBC, PAN2, CAND1, KIAA0368, PRKCI, TERF2, FBXW11, PLA2G10, DYNLL1, ITGB5, CALML3, CALM1, ACTA1, CALM3, ITGB1, ITGB3,

Protein Size: 984

 Molecular Weight:
 110 kDa

 Gene ID:
 4651

 NCBI Accession:
 NM_012334

 UniProt:
 Q8NCI3

Application Details

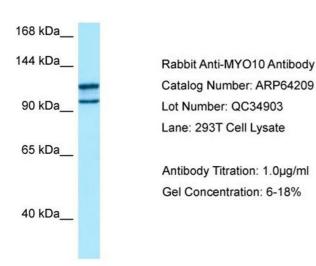
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 984 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1.