

# Myosin IXb Polyclonal Antibody

Cat No: HR1AP7431

For research use only

## Overview

Product Name	Myosin IXb Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	250kDa
GeneID?Human?	MYO9B
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	MYO9B; MYR5; Unconventional myosin-IXb; Unconventional myosin-9b
Background	<p>myosin IXB(MYO9B) Homo sapiens This gene encodes a member of the myosin family of actin-based molecular motor heavy chain proteins. The protein represents an unconventional myosin; it should not be confused with the conventional non-muscle myosin-9 (MYH9). The protein has four IQ motifs located in the neck domain that bind calmodulin, which serves as a light chain. The protein complex has a single-headed structure and exhibits processive movement on actin filaments toward the minus-end. The protein also has rho-GTPase activity. Polymorphisms in this gene are associated with celiac disease and ulcerative colitis susceptibility. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011],</p>