

For Research Use Only

# MYO5B Polyclonal antibody

Catalog Number: 55322-1-AP



## Basic Information

<b>Catalog Number:</b> 55322-1-AP	<b>GenBank Accession Number:</b> NM_001080467	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul	<b>GeneID (NCBI):</b> 4645	
<b>Source:</b> Rabbit	<b>Full Name:</b> myosin VB	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 214 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human

## Background Information

MYO5B is a member of the class V of unconventional, dimeric nonfilamentous myosins, which may be involved in vesicular trafficking. Members of the Rab family of small GTPases, consisting of Rab11a, Rab11b, and Rab25, have recently emerged as potential mediators of vesicle transport by MYO5B. MYO5B is required for polarization of hepatocytes and mutations of MYO5B could disrupt epithelial cell polarity. Loss-of-Function of MYO5B caused by mutation is the main cause of microvillus inclusion disease (MVID). Recently it was reported that the expression of MYO5B was downregulated in gastric cancer and inactivation of MYO5B may contribute to tumorigenesis. (22134786)

## Storage

**Storage:**  
Store at -20°C.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data