



[Go to Product page](#)

Datasheet for ABIN7174956  
**anti-MYO5A antibody (AA 1087-1220) (HRP)**

### Overview

Quantity:	100 µg
Target:	MYO5A
Binding Specificity:	AA 1087-1220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYO5A antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Unconventional myosin-Va protein (1087-1220AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	MYO5A
Alternative Name:	MYO5A ( <a href="#">MYO5A Products</a> )
Background:	Background: Processive actin-based motor that can move in large steps approximating the 36-nm pseudo-repeat of the actin filament. Involved in melanosome transport. Also mediates the

## Target Details

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transport of vesicles to the plasma membrane. May also be required for some polarization process involved in dendrite formation.

Aliases: non-muscle antibody, Dilute myosin heavy chain antibody, GS1 antibody, MYH12 antibody, MYO5 antibody, Myo5a antibody, MYO5A\_HUMAN antibody, Myosin heavy chain 12 antibody, Myosin heavy polypeptide kinase antibody, Myosin V antibody, Myosin VA (heavy polypeptide 12 myoxin) antibody, Myosin VA (heavy polypeptide 12 myoxin) antibody, Myosin-12 antibody, Myoxin antibody, MYR12 antibody, Unconventional myosin-Va antibody

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UniProt: [Q9Y4I1](#)

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Pathways: [Hormone Transport](#), [Peptide Hormone Metabolism](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.