

Datasheet for ABIN7435517  
**anti-Myosin 9 antibody (AA 1740-1960)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	Myosin 9 (MYH9)
Binding Specificity:	AA 1740-1960
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin 9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Myosin Heavy Chain 9, Non Muscle (MYH9)
Immunogen:	Recombinant Myosin Heavy Chain 9, Non Muscle (MYH9) corresponding to Glu1740~Glu1960 with Two N-terminal Tags, His-tag and SUMO-tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MYH9. It has been selected for its ability to recognize MYH9 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

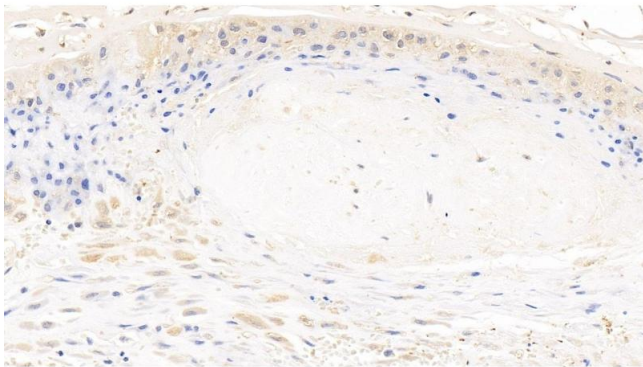
Target:	Myosin 9 (MYH9)
Alternative Name:	Myosin Heavy Chain 9, Non Muscle ( <a href="#">MYH9 Products</a> )
Background:	DFNA17, EPSTS, FTNS, MHA, NMHC-II-A, NMMHCA, Nonmuscle Myosin Heavy Chain II-A, Cellular myosin heavy chain, type A, Myosin heavy chain, non-muscle IIa
Pathways:	<a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Integrin Complex</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

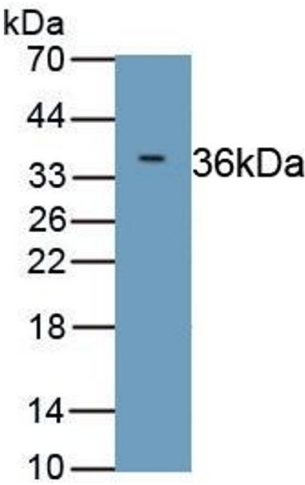
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



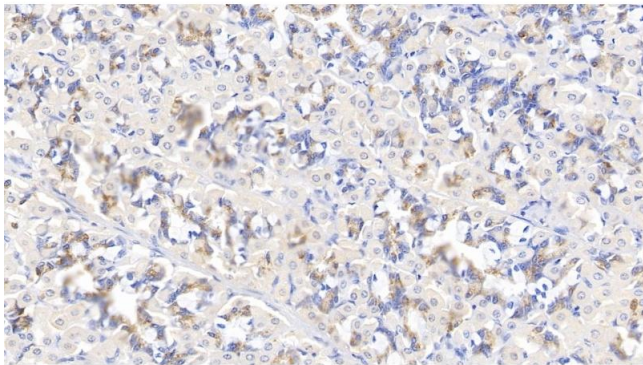
#### Immunohistochemistry

**Image 1.** Detection of MYH9 in Human Placenta Tissue using Polyclonal Antibody to Myosin Heavy Chain 9, Non Muscle (MYH9)



#### Western Blotting

**Image 2.** Detection of Recombinant MYH9, Human using Polyclonal Antibody to Myosin Heavy Chain 9, Non Muscle (MYH9)



#### Immunohistochemistry

**Image 3.** Detection of MYH9 in Human Stomach Tissue using Polyclonal Antibody to Myosin Heavy Chain 9, Non Muscle (MYH9)