

Datasheet for ABIN7439150  
**anti-MYH11 antibody (AA 211-482)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	MYH11
Binding Specificity:	AA 211-482
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYH11 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Myosin Heavy Chain 11, Smooth Muscle (MYH11)
Immunogen:	Recombinant Myosin Heavy Chain 11, Smooth Muscle (MYH11) corresponding to Lys211~Trp482 (Accession # Q63862)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MYH11. It has been selected for its ability to recognize MYH11 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

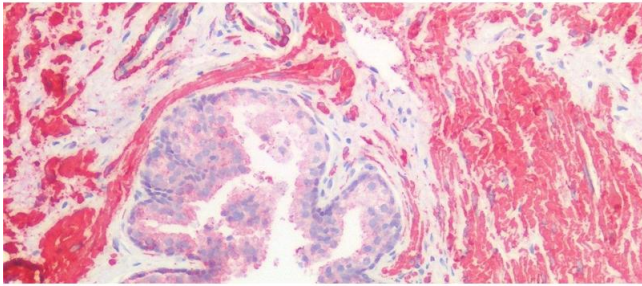
Target:	MYH11
Alternative Name:	Myosin Heavy Chain 11, Smooth Muscle ( <a href="#">MYH11 Products</a> )
Background:	AAT4, FAA4, SMHC, SMMHC, Myosin heavy chain, smooth muscle isoform

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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

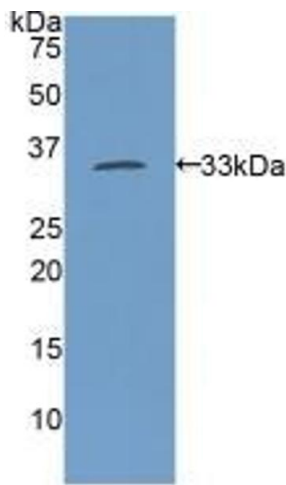
## Handling

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 MYH11 in Human Prostate Tissue using Polyclonal Antibody to Myosin Heavy Chain 11, Smooth Muscle (MYH11)



Western Blotting

**Image 2.** Detection of Recombinant MYH11, Rat using Polyclonal Antibody to Myosin Heavy Chain 11, Smooth Muscle (MYH11)