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Datasheet for ABIN7452226

**anti-Myosin XVIII A antibody (AA 2004-2054)**

## Overview

Quantity:	100 µg
Target:	Myosin XVIII A (MYO18A)
Binding Specificity:	AA 2004-2054
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin XVIII A antibody is un-conjugated
Application:	Immunoprecipitation (IP)

## Product Details

Purpose:	Rabbit anti-Myo18A/Myosin XVIII A Antibody, Affinity Purified
Immunogen:	between AA 2004 and 2054
Isotype:	IgG
Purification:	Affinity Purified

## Target Details

Target:	Myosin XVIII A (MYO18A)
Alternative Name:	Myo18A/Myosin XVIII A ( <a href="#">MYO18A Products</a> )
Background:	Background: Myo18A/Myosin XVIII A is an unconventional myosin that contains a lysine and glutamine (KE)-rich domain and a PDZ domain. The KE and PDZ domains appear to direct

## Target Details

subcellular localization of the Myo18A variants. It is a dimeric actin binding protein that may play a role in the stabilization and organization of the actin cytoskeleton. Recently a cell surface form of Myo18A has been identified as the receptor for surfactant protein A, a lipid-associated lung collectin that mediates innate and adaptive immune responses in the lungs.

Gene ID: 399687

NCBI Accession: [NP\\_510880](#)

UniProt: [Q92614](#)

## Application Details

Application Notes: IP: 2 - 5 µg/mg lysate  
WB: Not recommended. ABIN7452226 has not performed satisfactorily when used for WB of Myo18A/Myosin XVIII A in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of Myo18A/Myosin XVIII A.

Restrictions: For Research Use only

## Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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

Expiry Date: 12 months