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Datasheet for ABIN7163659

**anti-PLEKH01 antibody (AA 143-404) (Biotin)**

## Overview

Quantity:	100 µg
Target:	PLEKH01
Binding Specificity:	AA 143-404
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLEKH01 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Pleckstrin homology domain-containing family O member 1 protein (143-404AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	PLEKH01
Alternative Name:	PLEKH01 ( <a href="#">PLEKH01 Products</a> )
Background:	Background: Plays a role in the regulation of the actin cytoskeleton through its interactions with

## Target Details

actin capping protein (CP). May function to target CK2 to the plasma membrane thereby serving as an adapter to facilitate the phosphorylation of CP by protein kinase 2 (CK2). Appears to target ATM to the plasma membrane. Appears to also inhibit tumor cell growth by inhibiting AKT-mediated cell-survival. Also implicated in PI3K-regulated muscle differentiation, the regulation of AP-1 activity (plasma membrane bound AP-1 regulator that translocates to the nucleus) and the promotion of apoptosis induced by tumor necrosis factor TNF. When bound to PKB, it inhibits it probably by decreasing PKB level of phosphorylation.

Aliases: C-Jun-binding protein antibody, Casein kinase 2-interacting protein 1 antibody, CK2 interacting protein 1 antibody, CK2 interacting protein 1 HQ0024c protein antibody, CK2-interacting protein 1 antibody, CKIP 1 antibody, CKIP-1 antibody, CKIP1 antibody, JBP antibody, OC120 antibody, Osteoclast maturation associated gene 120 protein antibody, Osteoclast maturation-associated gene 120 protein antibody, PH domain-containing family O member 1 antibody, PKHO1\_HUMAN antibody, Pleckstrin homology domain containing family O member 1 antibody, Pleckstrin homology domain-containing family O member 1 antibody, PLEKH01 antibody

UniProt: [Q53GL0](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

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

Preservative: ProClin

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

Storage: -20 °C, -80 °C

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