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Datasheet for ABIN7175329

**anti-VPS52 antibody (AA 277-377) (Biotin)**

## Overview

Quantity:	100 µg
Target:	VPS52
Binding Specificity:	AA 277-377
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS52 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Vacuolar protein sorting-associated protein 52 homolog protein (277-377AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	VPS52
Alternative Name:	VPS52 ( <a href="#">VPS52 Products</a> )
Background:	Background: Acts as component of the GARP complex that is involved in retrograde transport

## Target Details

from early and late endosomes to the trans-Golgi network (TGN). The GARP complex is required for the maintenance of the cycling of mannose 6-phosphate receptors between the TGN and endosomes, this cycling is necessary for proper lysosomal sorting of acid hydrolases such as CTSD (PubMed:15878329, PubMed:18367545). Acts as component of the EARP complex that is involved in endocytic recycling. The EARP complex associates with Rab4-positive endosomes and promotes recycling of internalized transferrin receptor (TFRC) to the plasma membrane (PubMed:25799061).

Aliases: VPS52 antibody, SACM2LVacuolar protein sorting-associated protein 52 homolog antibody, SAC2 suppressor of actin mutations 2-like protein antibody

UniProt: [Q8N1B4](#)

## 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.