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Datasheet for ABIN7175328 anti-VPS52 antibody (AA 277-377)

2 Images



Overview

Quantity:	100 µg
Target:	VPS52
Binding Specificity:	AA 277-377
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS52 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

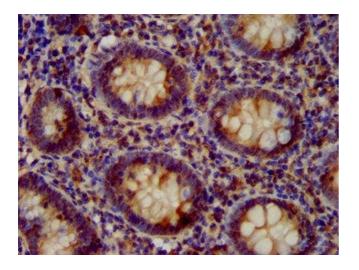
Immunogen:	Recombinant Human Vacuolar protein sorting-associated protein 52 homolog protein (277- 377AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	VPS52
Alternative Name:	VPS52 (VPS52 Products)
Background:	Background: Acts as component of the GARP complex that is involved in retrograde transport

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	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:	Recommended dilution: IHC:1:200-1:500,
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
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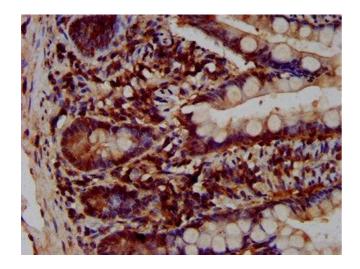


Immunohistochemistry

Image 1. IHC image of ABIN7175328 diluted at 1:200 and staining in paraffin-embedded human appendix tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Immunohistochemistry

Image 2. IHC image of ABIN7175328 diluted at 1:200 and staining in paraffin-embedded human small intestine tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



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