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Datasheet for ABIN2787353 anti-VPS16 antibody (N-Term)

2 Images



Overview

Quantity:	100 μL
Target:	VPS16
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Rabbit, Guinea Pig, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS16 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human VPS16
Sequence:	RGDFFMTLRN QPMALSLYRQ FCKHQELETL KDLYNQDDNH QELGSFHIRA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against VPS16. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	

Target:	VPS16
Alternative Name:	VPS16 (VPS16 Products)

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Target Details

Background:	Vesicle mediated protein sorting plays an important role in segregation of intracellular
	molecules into distinct organelles. Genetic studies in yeast have identified more than 40
	vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene
	encodes the human homolog of yeast class C Vps16 protein. The mammalian class C Vps
	proteins are predominantly associated with late endosomes/lysosomes, and like their yeast
	counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway. Two
	transcript variants encoding different isoforms have been found for this gene.
	Alias Symbols: hVPS16
	Protein Interaction Partner: UBC, MON1B, VPS33A, VPS18, TSR1, VPS41, WAPAL, TNPO1,
	HOOK3, AKTIP, HOOK1, HOOK2, UVRAG, PIk2, VPS16, VPS11, STX7,
	Protein Size: 323
Molecular Weight:	37 kDa
Gene ID:	64601
NCBI Accession:	NM_080414, NP_536339

Application Details

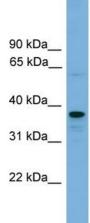
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 323 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

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Images

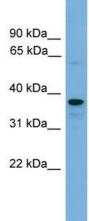


Rabbit Anti-VPS16 Antibody Catalog Number: ARP57713 Lot Number: QC29312 Lane: MCF7 Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 1. WB Suggested Anti-VPS16 Antibody Titration: 0.2-1 µg/mL Positive Control: MCF7 cell lysate



Western Blotting

Image 2. WB Suggested Anti-VPS16 Antibody Titration:

0.2-1 ug/ml

Positive Control: MCF7 cell lysate

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