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Datasheet for ABIN6150126
anti-VPS29 antibody (AA 1-186)

1 Image

Overview

Quantity:	100 µL
Target:	VPS29
Binding Specificity:	AA 1-186
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS29 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-186 of human VPS29 (NP_476528.1).
Sequence:	MAGHRLVLVL GDLHIPHRCN SLPKFKKLL VPGKIQHILC TGNLCTKESY DYKTLAGDV HIVRGDFDEN LNYPEQKVVT VGQFKIGLIH GHQVIPWGDM ASLALLQRQF DVDILISGHT HKFEAFEHEN KFYINPGSAT GAYNALETNI IPSFVLMIDIQ ASTVVTVVYQ LIGDDVKVER IEYKKP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	VPS29
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Target Details

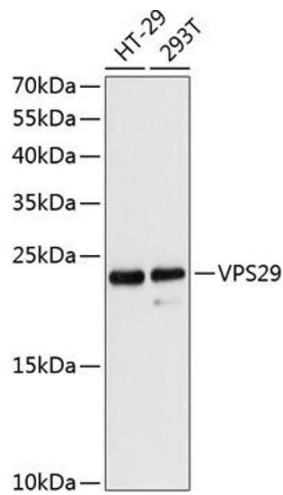
Alternative Name:	VPS29 (VPS29 Products)
Background:	This gene belongs to a group of vacuolar protein sorting (VPS) genes that, when functionally impaired, disrupt the efficient delivery of vacuolar hydrolases. The protein encoded by this gene is a component of a large multimeric complex, termed the retromer complex, which is involved in retrograde transport of proteins from endosomes to the trans-Golgi network. This VPS protein may be involved in the formation of the inner shell of the retromer coat for retrograde vesicles leaving the prevacuolar compartment. Alternative splice variants encoding different isoforms and representing non-protein coding transcripts have been found for this gene. VPS29,DC15,DC7,PEP11,Signal Transduction,VPS29
Molecular Weight:	20 kDa
Gene ID:	51699
UniProt:	Q9UBQ0

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using VPS29 antibody (ABIN6130782, ABIN6150126, ABIN6150127 and ABIN6216963) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.