

Rabbit VPS53 Polyclonal Antibody | anti-VPS53 antibody

VPS53 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307859	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

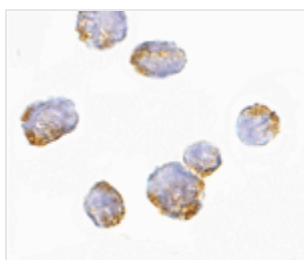
PRODUCT SYNONYMS

VPS53; Polyclonal Antibody; VPS53 Antibody; Vacuolar protein sorting 53; HCCS1; anti-VPS53 antibody

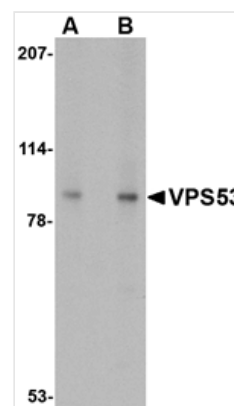
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	832
Applicable Applications for anti-VPS53 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 18 amino acid peptide from near the carboxy terminus of human VPS53.
Target Name	VPS53
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


ICC (Immunocytochemistry)

Immunocytochemistry of VPS53 in 293 cells with VPS53 antibody at 5 ug/mL.


WB (Western Blot)

Western blot analysis of VPS53 in 293 cell lysate with VPS53 antibody at (A) 0.5 and (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-VPS53 antibody	The sorting of acid hydrolases to lysosomes rely on mannose 6-phosphate receptors that cycle between the trans-Golgi network (TGN) and endosomes. The maintenance of this cycle requires the function of the mammalian Golgi-associated retrograde protein (GARP) complex which is composed of three subunits: VPS52, VPS53, and VPS54. Depletion of any of these three proteins, such as by RNAi, impairs the retrograde transport of multiple TGN proteins. VPS53 was identified as an HIV dependency factor (HDF) and plays a role in viral entry to the cell, suggesting that VPS53 may be an important drug target in HIV treatment. At least five isoforms of VPS53 are known to exist.
Product Categories/Family for anti-VPS53 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	119611064
NCBI GeneID	55275
Molecular Weight	94,405 Da
NCBI Official Full Name	vacuolar protein sorting 53 (yeast), isoform CRA_a
NCBI Official Synonym Full Names	vacuolar protein sorting 53 homolog (S. cerevisiae)
NCBI Official Symbol	VPS53
NCBI Official Synonym Symbols	HCCS1; PCH2E; hVps53L; pp13624
NCBI Protein Information	vacuolar protein sorting-associated protein 53 homolog
UniProt Protein Name	Vacuolar protein sorting-associated protein 53 homolog
UniProt Gene Name	VPS53
UniProt Entry Name	VPS53_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/vps53-antibody-immunocytochemistry-western-blot-elisa/307859>