

Rabbit VPS53 Polyclonal Antibody | anti-VPS53 antibody

VPS53 Antibody (N-term)

CATALOG # AAA284971	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Chicken)	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

VPS53; Polyclonal Antibody; VPS53 Antibody (N-term); Vacuolar protein sorting-associated protein 53 homolog; anti-VPS53 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Chicken)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This VPS53 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 111-140 amino acids from the N-terminal region of human VPS53.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	111-140
Sequence Length	832
Applicable Applications for anti-VPS53 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of MDA-MB468 cells using VPS53 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram)FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemisry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with VPS53 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

**WB (Western Blot)**

Western blot analysis of VPS53 Antibody (N-term) in mouse brain tissue lysates (35ug/lane). VPS53 (arrow) was detected using the purified Pab.

**WB (Western Blot)**

Western blot analysis of VPS53 Antibody (N-term) in MCF-7 cell line lysates (35ug/lane). VPS53 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-VPS53 antibody	VPS53 is a protein with sequence similarity to the yeast Vps53p protein. Vps53p is involved in retrograde vesicle trafficking in late Golgi.
Product Categories/Family for anti-VPS53 antibody	Signal Transduction
References	Ko,J.K., et.al., J. Cell. Sci. 120 (PT 16), 2912-2923 (2007) Zhu,J.D., et.al., Cell Res. 16 (9), 780-796 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	189491744
NCBI GeneID	55275
NCBI Accession #	NP_001121631.1 ; NP_060759.2
NCBI GenBank Nucleotide #	NM_001128159.2
UniProt Accession #	Q5VIR6 ; Q8WYW3 ; Q9BRR2 ; Q9BY02 ; Q9NV25 ; A8K2S8 ; B3FH42
Molecular Weight	79653
NCBI Official Full Name	vacuolar protein sorting-associated protein 53 homolog isoform 1
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://stage.aaabiotech.com/polyclonal/vps53-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284971>