

Rabbit anti-Human VPS33A Polyclonal Antibody | anti-VPS33A antibody

VPS33A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232999	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

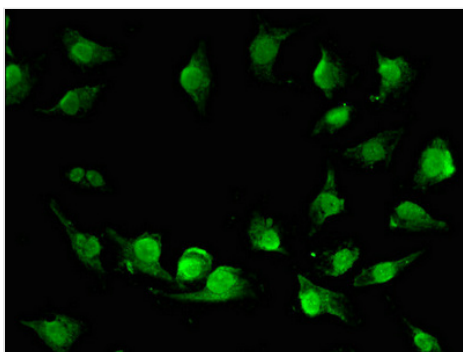
PRODUCT SYNONYMS

VPS33A; Polyclonal Antibody; VPS33A Antibody; Vacuolar protein sorting-associated protein 33A; hVPS33A; anti-VPS33A antibody

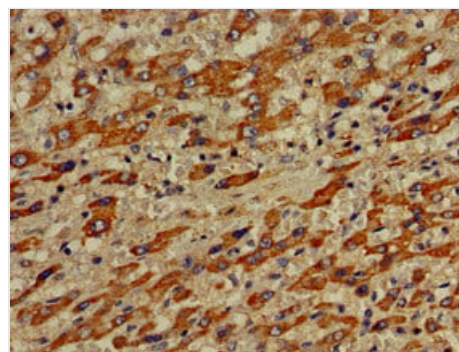
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	596
Applicable Applications for anti-VPS33A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Vacuolar protein sorting-associated protein 33A protein (1-300AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of U251 cells using AAA232999 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA232999 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-VPS33A antibody	Plays a role in vesicle-mediated protein trafficking to lysosomal compartments including the endocytic membrane transport and autophagic pathways. Believed to act as a core component of the putative HOPS and CORVET endosomal tethering complexes which are proposed to be involved in the Rab5-to-Rab7 endosome conversion probably implicating MON1A/B, and via binding SNAREs and SNARE complexes to mediate tethering and docking events during SNARE-mediated membrane fusion. The HOPS complex is proposed to be recruited to Rab7 on the late endosomal membrane and to regulate late endocytic, phagocytic and autophagic traffic towards lysosomes. The CORVET complex is proposed to function as a Rab5 effector to mediate early endosome fusion probably in specific endosome subpopulations (PubMed: 23351085, PubMed: 24554770, PubMed: 25266290, PubMed: 25783203). Required for fusion of endosomes and autophagosomes with lysosomes; the function is dependent on its association with VPS16 but not VIPAS39 (PubMed: 25783203). The function in autophagosome-lysosome fusion implicates STX17 but not UVRAG (PubMed: 24554770).
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	18105056
NCBI GeneID	65082
NCBI Accession #	NP_075067.2
NCBI GenBank Nucleotide #	NM_022916.4
UniProt Accession #	Q96AX1; Q547V4; Q9H5Q0
Molecular Weight	67,611 Da
NCBI Official Full Name	vacuolar protein sorting-associated protein 33A
NCBI Official Synonym Full Names	VPS33A, CORVET/HOPS core subunit
NCBI Official Symbol	VPS33A
NCBI Protein Information	vacuolar protein sorting-associated protein 33A
UniProt Protein Name	Vacuolar protein sorting-associated protein 33A
UniProt Gene Name	VPS33A
UniProt Synonym Gene Names	hVPS33A
UniProt Entry Name	VP33A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/vps33a-antibody-immunofluorescence-immunohistochemistry-elisa/232999>