

Rabbit anti-Human VTA1/LIP5 Polyclonal Antibody | anti-VTA1/LIP5 antibody

Rabbit anti-VTA1/LIP5 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212964	Rabbit	Human	Immunoprecipitation, Western Blot

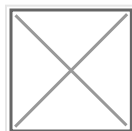
PRODUCT SYNONYMS

VTA1/LIP5; Polyclonal Antibody; Rabbit anti-VTA1/LIP5 Antibody; Affinity Purified; LIP5; vesicle (multivesicular body) trafficking 1; vacuolar protein sorting-associated protein VTA1 homolog; SKD1-binding protein 1; SBP1; LYST-interacting protein 5; Vps20-associated 1 homolog; HSPC228; homolog of mouse SKD1-binding protein 1; DRG-1; DRG1; dopamine-responsive gene 1 protein; C6orf55; My012; Vacuolar protein sorting-associated protein VTA1 homolog; vesicle trafficking 1; anti-VTA1/LIP5 antibody

PRODUCT SPECIFICATIONS

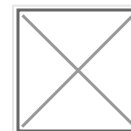
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-VTA1/LIP5 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Bovine, Orangutan
Immunogen	Between 150 and 200
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human VTA1/LIP5 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-VTA1/LIP5 antibody AAA212964 (lot AAA212964-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human VTA1/LIP5 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-VTA1/LIP5 antibody AAA212964 (lot AAA212964-1) used for IP at 6 ug per reaction. VTA1/LIP5 was also immunoprecipitated by rabbit anti-VTA1/LIP5 antibody For blotting immunoprecipitated VTA1/LIP5, AAA212964 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-VTA1/LIP5 antibody	VTA1 is involved in the endosomal multivesicular bodies (MVB) pathway. MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids. VTA1 is thought to be a cofactor of VPS4A/B, which catalyzes disassembles membrane-associated ESCRT-III assemblies. It is involved in the sorting and down-regulation of EGFR (By similarity) [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9NP79].
Product Categories/Family for anti-VTA1/LIP5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361741
NCBI GeneID	51534
NCBI Accession #	NP_057569.2
NCBI GenBank Nucleotide #	NM_016485.3
UniProt Accession #	Q9NP79; Q5TGM1; Q6IAE8; Q9H0R2; Q9H3K9; Q9P0Q0; B4DW55; E1P594; E7ETQ7
Molecular Weight	36.5 kDa
NCBI Official Full Name	vacuolar protein sorting-associated protein VTA1 homolog isoform a
NCBI Official Synonym Full Names	vesicle (multivesicular body) trafficking 1
NCBI Official Symbol	VTA1
NCBI Official Synonym Symbols	DRG1; LIP5; SBP1; DRG-1; My012; C6orf55; HSPC228
NCBI Protein Information	vacuolar protein sorting-associated protein VTA1 homolog
UniProt Protein Name	Vacuolar protein sorting-associated protein VTA1 homolog
UniProt Gene Name	VTA1
UniProt Synonym Gene Names	C6orf55; DRG-1; LIP5; SBP1
UniProt Entry Name	VTA1_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/vta1-lip5-antibody-immunoprecipitation-western-blot-elisa/212964>