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Datasheet for ABIN7091819

anti-VTA1 antibody (AA 221-306) (HRP)

Overview

Quantity:	100 µL
Target:	VTA1
Binding Specificity:	AA 221-306
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VTA1 antibody is conjugated to HRP
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LIP5
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Sheep,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	VTA1
Alternative Name:	LIP5 (VTA1 Products)
Background:	Synonyms: C6orf55 Chromosome 6 open reading frame 55, Dopamine responsive protein DRG

Target Details

1, Dopamine-responsive gene 1 protein, DRG 1, DRG-1, DRG1, Homolog of mouse SKD1 binding protein 1, HSPC228, LIP5, LYST interacting protein 5, LYST-interacting protein 5, My012, SBP1, SKD1 binding protein 1, SKD1-binding protein 1, Vacuolar protein sorting-associated protein VTA1 homolog, Vps20 associated 1 homolog (S. cerevisiae), VTA1, VTA1_HUMAN

Background: 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. Thought to be a cofactor of VPS4A/B, which catalyzes disassembles membrane-associated ESCRT-III assemblies. Involved in the sorting and down-regulation of EGFR. Involved in HIV-1 budding.

Gene ID: 51534

UniProt: [Q9NP79](#)

Application Details

Application Notes: IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.