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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57714_P050-Biotin
Product Page	www.avivasysbio.com/vps16-antibody-middle-region-biotin-arp57714-p050-biotin.html
Name	VPS16 Antibody - middle region : Biotin (ARP57714_P050-Biotin)
Protein Size (# AA)	695 amino acids
Molecular Weight	76kDa
Conjugation	Biotin
NCBI Gene Id	64601
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Vacuolar protein sorting 16 homolog (S. cerevisiae)
Alias Symbols	hVPS16
Peptide Sequence	Synthetic peptide located within the following region: VGDVAQAADVAIEHRNEAELSLVLSHCTGATDGATADKIQRARQAQKK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene encodes the human homolog of yeast class C Vps16 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway. Two transcript variants encoding different isoforms have been found for this gene.
Protein Interactions	UBC; MON1B; VPS33A; VPS18; TSR1; VPS41; WAPAL; TNPO1; HOOK3; AKTIP; HOOK1; HOOK2; UVRAG; Plk2; VPS16; VPS11; STX7;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-VPS16 (ARP57714_P050-Biotin) antibody
Blocking Peptide	For anti-VPS16 (ARP57714_P050-Biotin) antibody is Catalog# AAP57714 (Previous Catalog# AAPP44066)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human VPS16
Uniprot ID	Q9H269
Protein Name	Vacuolar protein sorting-associated protein 16 homolog
Protein Accession #	NP_536338
Purification	Affinity Purified
Nucleotide Accession #	NM_080413
Gene Symbol	VPS16
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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