

## VPS26 Conjugated Antibody

Catalog No: #C49803



Package Size: #C49803-AF350 100ul #C49803-AF405 100ul #C49803-AF488 100ul  
 #C49803-AF555 100ul #C49803-AF594 100ul #C49803-AF647 100ul  
 #C49803-AF680 100ul #C49803-AF750 100ul #C49803-Biotin 100ul

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## Description

Product Name	VPS26 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	FLJ12930 antibody HB 58 antibody HB58 antibody Hbeta 58 antibody Hbeta 58 homolog antibody Hbeta58 antibody Hbeta58 homolog antibody hVPS 26 antibody hVPS26 antibody MGC94168 antibody PEP 8A antibody PEP8A antibody Vacuolar protein sorting 26 A antibody Vacuolar protein sorting 26 antibody Vacuolar protein sorting 26 homolog A antibody Vacuolar protein sorting 26 homolog A S. pombe antibody Vacuolar protein sorting 26 homolog A yeast antibody Vacuolar protein sorting 26 yeast antibody Vacuolar protein sorting 26 yeast homolog antibody Vacuolar protein sorting 26A antibody Vacuolar protein sorting associated protein 26A antibody Vacuolar protein sorting-associated protein 26A antibody Vesicle protein sorting 26 antibody Vesicle protein sorting 26A antibody VP26A_HUMAN antibody VPS 26 antibody VPS 26A antibody VPS26A antibody
Accession No.	Swiss-Prot#:O75436
Uniprot	O75436
GeneID	9559;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	38 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

Acts as component of the retromer cargo-selective complex (CSC). The CSC is believed to be the core functional component of retromer or respective retromer complex variants acting to prevent missorting of selected transmembrane cargo proteins into the lysosomal degradation pathway. The recruitment of the CSC to the endosomal membrane involves RAB7A and SNX3. The SNX-BAR retromer mediates retrograde transport of cargo proteins from endosomes to the trans-Golgi network (TGN) and is involved in endosome-to-plasma membrane transport for cargo protein recycling. The SNX3-retromer mediates the retrograde endosome-to-TGN transport of WLS distinct from the SNX-BAR retromer pathway. Required for retrograde transport of lysosomal enzyme receptor IGF2R. Required to regulate transcytosis of the polymeric immunoglobulin receptor (pIgR-pIgA). Required for the endosomal localization of WASHC2A (indicative for the WASH complex). Required for the endosomal localization of TBC1D5. Mediates retromer cargo recognition of SORL1 and is involved in trafficking of SORL1 implicated in sorting and processing of APP. Involved in retromer-independent lysosomal sorting of F2R. Involved in recycling of ADRB2. Enhances the affinity of SNX27 for PDZ-binding motifs in cargo proteins.

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Note: This product is for in vitro research use only