VPS53 Conjugated Antibody

Catalog No: #C43347

Package Size: #C43347-AF350 100ul #C43347-AF405 100ul #C43347-AF488 100ul #C43347-AF555 100ul #C43347-AF594 100ul #C43347-AF647 100ul #C43347-AF680 100ul #C43347-AF750 100ul #C43347-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	VPS53 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total VPS53 protein.
Immunogen Description	Fusion protein of human VPS53
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HCCS1; PCH2E; hVps53L; pp13624
Accession No.	Swiss-Prot#:Q5VIR6?NCBI Gene ID:55275NCBI mRNA#:BC006116NCBI Protein#:
Uniprot	Q5VIR6
GeneID	55275;
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	80KD
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin 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

Background

This gene encodes a protein with sequence similarity to the yeast Vps53p protein. Vps53p is involved in retrograde vesicle trafficking in late Golgi. May be involved in retrograde transport of early and late endosomes to the late Golgi. The GARP complex is required for the maintenance of the cycling of mannose 6-phosphate receptors between the TGN and endosomes, this cycling is necessary for proper lysosomal sorting of acid hydrolases such as CTSD.

Note: This product is for in vitro research use only