VANGL2 Conjugated Antibody

Catalog No: #C37300

Package Size: #C37300-AF350 100ul #C37300-AF405 100ul #C37300-AF488 100ul #C37300-AF555 100ul #C37300-AF594 100ul #C37300-AF647 100ul #C37300-AF680 100ul #C37300-AF750 100ul #C37300-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	VANGL2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total VANGL2 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human Vang-like 2 (van gogh, Drosophila)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	LPP1; LTAP; STB1; STBM; STBM1
Accession No.	Swiss-Prot#:Q9ULK5NCBI Gene ID:57216NCBI mRNA#:NCBI Protein#:NP_057652
Uniprot	Q9ULK5
GeneID	57216;
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	60
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

The protein encoded by this gene is a membrane protein involved in the regulation of planar cell polarity, especially in the stereociliary bundles of the cochlea. The encoded protein transmits directional signals to individual cells or groups of cells in epithelial sheets. This protein is also involved in the development of the neural plate. Plays a role in the regulation of planar cell polarity, particularly in the orientation of stereociliary bundles in the cochlea. Required for polarization and movement of myocardializing cells in the outflow tract and seeMouse to act via RHOA signaling to regulate this process.

Note: This product is for in vitro research use only