

For Research Use Only

VANGL2 Monoclonal antibody

Catalog Number: 67273-1-Ig **1 Publications**



Basic Information

Catalog Number: 67273-1-Ig	GenBank Accession Number: BC103920	Purification Method: Protein A purification
Size: 150ul , Concentration: 2200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57216	CloneNo.: 1B2C1
Source: Mouse	Full Name: vang-like 2 (van gogh, Drosophila)	Recommended Dilutions: WB 1:1000-1:6000
Isotype: IgG3	Calculated MW: 521 aa, 60 kDa	
Immunogen Catalog Number: AG16980	Observed MW: 60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells, HepG2 cells, HeLa cells
Cited Applications: WB	
Species Specificity: Human	
Cited Species: hamster	

Background Information

Vangl2 is a key component of the planar cell polarity (PCP) pathway. Vangl2 is tightly associated with the postsynaptic density (PSD) fraction and forms a protein complex with PSD-95 and NMDA receptors. Vangl2 directly binds to the third PDZ domain of PSD-95 via its C-terminal TSV motif. Vangl2 directly binds to N-cadherin.

Notable Publications

Author	Pubmed ID	Journal	Application
Hu Tao	36288764	Biochim Biophys Acta Gene Regul Mech	WB

Storage

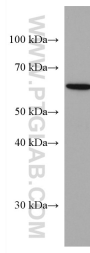
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 67273-1-Ig (VANGL2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.