

For Research Use Only

# VANGL2 Monoclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 67273-1-Ig	<b>GenBank Accession Number:</b> BC103920	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 2200 µg/ml	<b>GeneID (NCBI):</b> 57216	<b>CloneNo.:</b> 1B2C1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9ULK5	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Isotype:</b> IgG3	<b>Full Name:</b> vang-like 2 (van gogh, Drosophila)	
<b>Immunogen Catalog Number:</b> AG16980	<b>Calculated MW:</b> 521 aa, 60 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : MCF-7 cells, HepG2 cells, HeLa cells
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> Human	
<b>Cited Species:</b> 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

For technical support and original validation data for this product please contact:

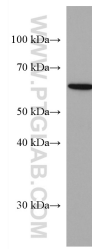
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## Selected Validation Data



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.