



Datasheet for ABIN7271292

anti-VANGL2 antibody (pSer79, pSer82, pThr78)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	VANGL2
Binding Specificity:	pSer79, pSer82, pThr78
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This VANGL2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-VANGL2-T78/S79/S82 Rabbit mAb
Immunogen:	A phospho specific peptide corresponding to residues surrounding T78/S79/S82 of human VANGL2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	VANGL2
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Target Details

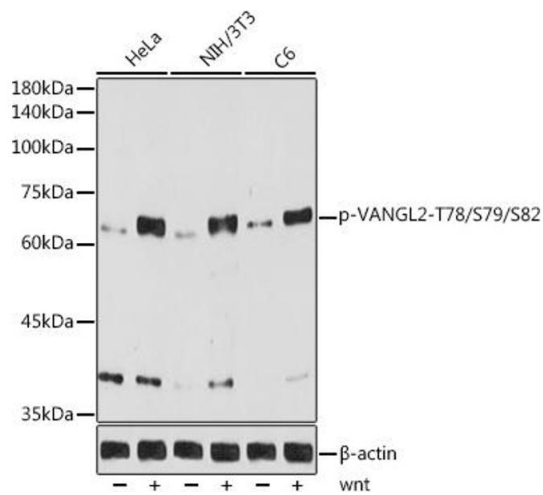
Alternative Name:	VANGL2 (VANGL2 Products)
Background:	The protein encoded by this gene is a membrane protein involved in the regulation of planar cell polarity, especially in the stereociliary bundles of the cochlea. The encoded protein transmits directional signals to individual cells or groups of cells in epithelial sheets. This protein is also involved in the development of the neural plate. VANGL2,LPP1,LTAP,STB1,STBM,STBM1,Neuroscience,Stem Cells,Cardiovascular,Heart,Cardiogenesis,VANGL2
Molecular Weight:	59kDa
Gene ID:	57216
UniProt:	Q9ULK5
Pathways:	WNT Signaling , Stem Cell Maintenance , Tube Formation , Asymmetric Protein Localization

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Phospho-V-T78/S79/S82 antibody (ABIN7271292) at 1:1000 dilution. HeLa cells and NIH/3T3 cells and C6 cells were treated by wnt(100 ng/mL) for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.