

VANG2 Rabbit pAb

CatalogNo: YN1517

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 57kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

VANG2 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

VANGL2 KIAA1215 STB1

Protein Name	Vang-like protein 2 (Loop-tail protein 1 homolog) (Strabismus 1) (Van Gogh-like protein 2)		
	Organism	Gene ID	UniProt ID
	Human	57216;	Q9ULK5;
	Mouse		Q91ZD4;
	Rat		P84889;
Cellular Localization	Cell membrane ; Multi-pass membrane protein .		
Tissue specificity	Brain,		
Function	Function:Involved in the control of early morphogenesis and patterning of both axial midline structures and the development of 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 seems to act via RHOA signaling to regulate this process.,similarity:Belongs to the Vang family.,subunit:Interacts through its C-terminal region with the N-terminal half of DVL1, DVL2 and DVL3. The PDZ domain of DVL1, DVL2 and DVL3 is required for the interaction. Also interacts with the PDZ domains of MAGI3, SCRIB/SCRB1 and FZD3.,		

| Validation Data

| Contact information

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