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VANGL2 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21414b

Product Information

Application	WB, E
Primary Accession	Q9ULK5
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB52981
Calculated MW	59714

Additional Information

Gene ID	57216
Other Names	Vang-like protein 2, Loop-tail protein 1 homolog, Strabismus 1, Van Gogh-like protein 2, VANGL2, KIAA1215, STB1
Target/Specificity	This VANGL2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 376-410 amino acids from human VANGL2.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	VANGL2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	VANGL2
Synonyms	KIAA1215, STB1
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. Required for cell surface localization of FZD3 and FZD6 in the inner ear (By similarity).
Cellular Location	Cell membrane; Multi-pass membrane protein

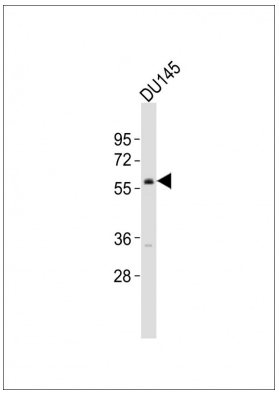
Background

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. Required for cell surface localization of FZD3 and FZD6 in the inner ear (By similarity).

References

Nagase T.,et al.DNA Res. 6:337-345(1999).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Lei Y.P.,et al.N. Engl. J. Med. 362:2232-2235(2010).

Images



Anti-VANGL2 Antibody (C-Term)at 1:2000 dilution + DU145 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 60 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.