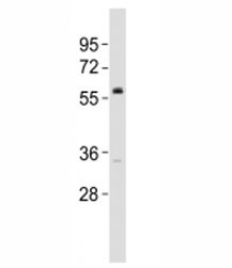
VANGL2 Antibody (F53408)

Catalog No.	Formulation	Size
F53408-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53408-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9ULK5
Applications	Western blot: 1:2000
Limitations	This VANGL2 antibody is available for research use only.



Western blot testing of VANGL2 antibody at 1:2000 dilution + DU145 lysate; Predicted molecular weight ~60 kDa.

Description

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).

Application Notes

Titration of the VANGL2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This VANGL2 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 376-410 amino acids from human VANGL2.

Storage

Aliquot the VANGL2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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