

Datasheet for ABIN410156
anti-VANGL2 antibody (Internal Region)



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Overview

Quantity:	100 µL
Target:	VANGL2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VANGL2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide derived from internal domain of human VANGL2 protein
Isotype:	IgG
Specificity:	Reacts with VANGL2 protein from human, mouse and rat
Purification:	Antiserum

Target Details

Target:	VANGL2
Alternative Name:	Vang-Like Protein 2 (VANGL2 Products)
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,

Target Details

	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.
Gene ID:	57216
UniProt:	Q9ULK5
Pathways:	WNT Signaling , Stem Cell Maintenance , Tube Formation , Asymmetric Protein Localization

Application Details

Application Notes:	Working dilution: Optimal dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Must be reconstituted in distilled water.
Storage:	4 °C/-20 °C
Storage Comment:	Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibodies at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.
Expiry Date:	24 months