

Datasheet for ABIN6244034
anti-VANGL2 antibody (AA 376-410)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	VANGL2
Binding Specificity:	AA 376-410
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VANGL2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This VANGL2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 376-410 amino acids from human VANGL2.
Clone:	RB52981
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	VANGL2
Alternative Name:	VANGL2 (VANGL2 Products)
Background:	Involved in the control of early morphogenesis and patterning of both axial midline structures

Target Details

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).

Molecular Weight: 59714

UniProt: [Q9ULK5](#)

Pathways: [WNT Signaling](#), [Stem Cell Maintenance](#), [Tube Formation](#), [Asymmetric Protein Localization](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

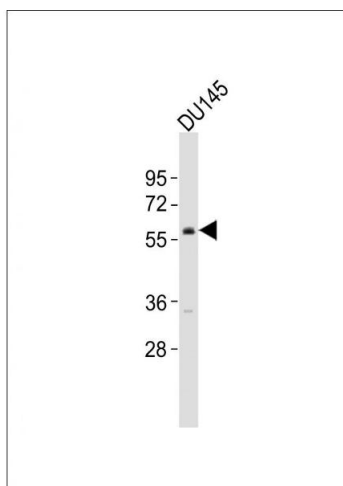
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C, -20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Anti-VANGL2 Antibody (C-Term) at 1:2000 dilution + D 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.