Datasheet for ABIN7469171
anti-Vangl1 antibody

Overview

Quantity:	100 μL
Target:	Vangl1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vangl1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human VANGL1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Vangl1
Alternative Name:	VANGL planar cell polarity protein 1 (Vangl1 Products)
Background:	Synonyms: VANGL planar cell polarity protein 1 , KITENIN , LPP2 , STB2 , STBM2 Background: This gene encodes a member of the tretraspanin family. The encoded protein may be involved in mediating intestinal trefoil factor induced wound healing in the intestinal mucosa.

Target Details

	Mutations in this gene are associated with neural tube defects. Alternate splicing results in multiple transcript variants. [provided by RefSeq]
Molecular Weight:	60 kDa
Gene ID:	81839
UniProt:	Q8TAA9
Pathways:	WNT Signaling

Application Details

Application Notes:	WB: 1:5000-1:20000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Molt-4
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.