

Datasheet for ABIN2776734
anti-Vangl1 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Vangl1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vangl1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	YSGYSYSSH SKKSHRQGER TRERHKSPRN KDRGSEKSV TIQPPTGEPL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against VANGL1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Vangl1
Alternative Name:	VANGL1 (Vangl1 Products)
Background:	This gene encodes a member of the tetraspanin family. The encoded protein may be involved

Target Details

in mediating intestinal trefoil factor induced wound healing in the intestinal mucosa. Mutations in this gene are associated with neural tube defects. Alternate splicing results in multiple transcript variants.

Alias Symbols: KITENIN, LPP2, MGC5338, STB2, STBM2

Protein Interaction Partner: FBXW11, UBC, SRPK1, THAP2, SMYD3, NT5C3A, RAPGEF5, GMFG, KBTBD7, CD82, DVL2, DVL3, DVL1,

Protein Size: 524

Molecular Weight: 60 kDa

Gene ID: 81839

NCBI Accession: [NM_138959](#), [NP_620409](#)

UniProt: [Q8TAA9](#)

Pathways: [WNT Signaling](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 524 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

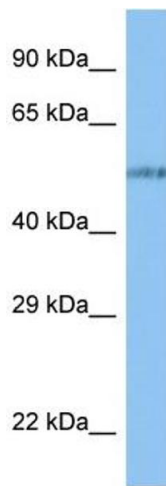
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-VANGL1 Antibody Titration:
1.0 ug/ml Positive Control: RPMI-8226 Whole Cell