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Datasheet for ABIN1433383 **anti-Vangl1 antibody (PE-Cy3)**

Overview

Quantity:	100 µL
Target:	Vangl1
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vangl1 antibody is conjugated to PE-Cy3
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human VANGL1/LPP2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Vangl1
Alternative Name:	VANGL1/LPP2 (Vangl1 Products)
Background:	<p>Synonyms: Loop tail protein 2 homolog, Loop-tail protein 2 homolog, LPP2, MGC5338, STB2, STBM2, Strabismus 2, Van Gogh like protein 1, Van Gogh-like protein 1, vang like 1 van gogh, Drosophila, Vang like protein 1, Vang-like protein 1, VANGL1_HUMAN, VANGL 1, Vangl1.</p> <p>Background: The Vang family of proteins are integral membrane proteins that are homologues</p>

Target Details

of the Drosophila tissue polarity gene strabismus. The gene encoding for Van Gogh-like protein 1 (Vangl1), also designated Strabismus 2 (STB2), localizes to human chromosome 1p11-p13.1. Van Gogh-like protein 2 (Vangl2), also designated Strabismus 1 (STB1), localizes to chromosome 1q22-q23. Vangl1 is expressed primarily in testis and ovary, but is also expressed in gastric and pancreatic cancer. Vangl proteins play a key developmental role in establishing planar cell polarity (PCP) and in regulating convergent extension (CE) movements during embryogenesis. Vangl1 and Vangl2 are both downregulated in several cancer cell lines and primary tumors.

Molecular Weight: 60 kDa

Gene ID: 8612

Pathways: [WNT Signaling](#)

Application Details

Application Notes: FCM(1:100-500)
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months