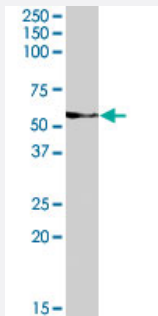


VANGL2 polyclonal antibody

Catalog # PAB7207

Size 100 ug

Applications



Western Blot (Tissue lysate)

VANGL2 polyclonal antibody (Cat # PAB7207) (0.3 ug/mL) staining of mouse brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of VANGL2.

Immunogen A synthetic peptide corresponding to human VANGL2.

Sequence C-QKYLRTTKQQPYPH

Host Goat

Theoretical MW (kDa) 59.7

Reactivity Human, Mouse

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:32000)
 Western Blot (0.3-1 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — VANGL2

Entrez GeneID	57216
Protein Accession#	NP_065068.1
Gene Name	VANGL2
Gene Alias	KIAA1215, LPP1, LTAP, MGC119403, MGC119404, STB1, STBM, STBM1
Gene Description	vang-like 2 (van gogh, Drosophila)
Omim ID	600533
Gene Ontology	Hyperlink
Gene Summary	The VANGL2 gene encodes a homolog of Drosophila 'strabismus/Van Gogh' (Stbm/Vang), a component of the frizzled-dishevelled tissue polarity pathway (Kibar et al., 2001 [PubMed 11431695]).[supplied by OMIM]
Other Designations	OTTHUMP00000031861 loop-tail-associated protein strabismus vang, van gogh-like 2 vang-like 2

Publication Reference

- [Ltap, a mammalian homolog of Drosophila Strabismus/Van Gogh, is altered in the mouse neural tube mutant Loop-tail.](#)

Kibar Z, Vogan KJ, Groulx N, Justice MJ, Underhill DA, Gros P.

Nature Genetics 2001 Jul; 28(3):251.

Pathway

- [Wnt signaling pathway](#)

Disease

- [Neural Tube Defects](#)