



Goat anti-VANGL2 Antibody

Item Number	dAP-1071
Target Molecule	Principle Name: VANGL2; Official Symbol: VANGL2; All Names and Symbols: VANGL2; vang-like 2 (van gogh, Drosophila) ; KIAA1215; LPP1; LTAP; MGC119403; MGC119404; STBM; homolog of Drosophila strabismus; loop-tail-associated protein; vang (van gogh, Drosophila)-like 2; vang (van gogh, Drosophila)-like 2, vang, van gogh-like 2 (D; Accession Number (s): NP_065068.1; Human Gene ID(s): 57216; Non-Human GeneID(s): 93840 (mouse)
Immunogen	QKYLRTTKQQPYH, is from internal region
Applications	Pep ELISA, WB Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 55kDa band observed in Mouse Brain lysates (calculated MW of 59.7kDa according to NP_065068.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Kibar Z, Vogan KJ, Groulx N, Justice MJ, Underhill DA, Gros P. Ltap, a mammalian homolog of Drosophila Strabismus/Van Gogh, is altered in the mouse neural tube mutant Loop-tail. Nat Genet. 2001 Jul;28(3):251-5. .PMID: 11431695 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**