

Goat anti-Dishevelled1 (aa20-32) Antibody

Item Number	dAP-3092
Target Molecule	Principle Name: Dishevelled1 (aa20-32); Official Symbol: Dvl1; All Names and Symbols: Dvl1; dishevelled, dsh homolog 1 (Drosophila); RP23-242K15.15-003; Dvl; mKIAA4029; DSH homolog 1; dishevelled-1; segment polarity protein dishevelled homolog DVL-1; Accession Number (s): NP_034221.3; Human Gene ID (s): 1855; Non-Human GeneID(s): 13542 (mouse) 83721 (rat)
Immunogen	KLPVAPERVTLAD, is from N Terminus
Applications	Pep ELISA, WB Species Tested: Pig
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 128000.
Western Blot	Western Blot: Approx 76+30kDa bands observed in Porcine MII Oocytes lysates (calculated MW of 75.5kDa according to XP_003127548.3). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Huang T, Xie Z, Wang J, Li M, Jing N, Li L. Nuclear factor of activated T cells (NFAT) proteins repress canonical Wnt signaling via its interaction with Dishevelled (Dvl) protein and participate in regulating neural progenitor cell proliferation and differentiation. <i>J Biol Chem.</i> 2011 Oct 28;286(43):37399.

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 end users! This product is sold for **Research Use Only**