

## Goat anti-Dvl1 (mouse) Antibody

<b>Item Number</b>	dAP-2825
<b>Target Molecule</b>	Principle Name: Dvl1 (mouse); 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): ; Non-Human GeneID(s): 13542 (mouse) 83721 (rat)
<b>Immunogen</b>	PQLEEAPLTVKSD, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx 80kDa band observed in lysates of cell line NIH3T3 (calculated MW of 75.4kDa according to NP_034221.3). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 45kDa. This band was
<b>IHC</b>	
<b>Reference</b>	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. J Biol Chem. 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 ender users! This product is sold for **Research Use Only**