

**bs-0598R**

**[ Primary Antibody ]**

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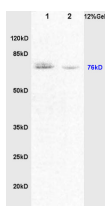
400-901-9800

## DVL1 Rabbit pAb

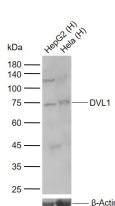
### DATASHEET

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse, Rat  <b>Predicted MW.:</b> 76 kDa  <b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 1855	<b>SWISS:</b> O14640	
<b>Target:</b> DVL1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human DVL1: 21-100/695.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> DVL1 may play a role in the signal transduction pathway mediated by multiple Wnt genes. [Subunit] Interacts with BRD7 and INVS. Interacts through its PDZ domain with the C-terminal regions of VANG1, VANG2 and CCDC88C/DAPLE. Interacts (via PDZ domain) with NXN (By similarity). Interacts with CXXC4. [Subcellular Location] Cytoplasm (Potential). Belongs to the DSH family.		

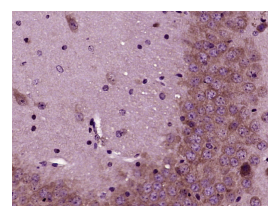
### VALIDATION IMAGES



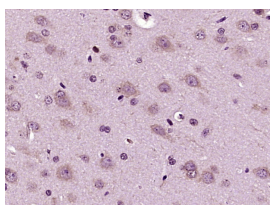
Protein: Brain(Rat) lysate at 30ug; Lung(Rat) lysate at 30ug; Primary: Anti-DVL1/Dishevelled (bs-0598R) at 1:200 dilution; Secondary: HRP conjugated Goat-Anti-Rabbit IgG(bs-0295G-HRP) at 1: 3000 dilution; Predicted band size : 76kD  
Observed band size : 76kD



Sample: Lane 1: Human HepG2 cell lysates Lane 2: Human Hela cell lysates Primary: Anti-DVL1 (bs-0598R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 76 kDa Observed band size: 75 kDa



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DVL1) Polyclonal Antibody, Unconjugated (bs-0598R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DVL1) Polyclonal Antibody, Unconjugated (bs-0598R) at 1:400 overnight at

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

4°C, followed by operating according to SP  
Kit(Rabbit) (sp-0023) instructions and DAB  
staining.

## — SELECTED CITATIONS —

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- **[IF=1.851]** Wang T et al. The peptide compound urantide regulates collagen metabolism in atherosclerotic rat hearts and inhibits the JAK2/STAT3 pathway. Mol Med Rep. 2020 Mar;21(3):1097-1106. IF, WB ; Rat. 32016456
- **[IF=0]** Hua, Jun-yi, et al. Hua, Jun-yi, et al. "Wnt4/β-catenin signaling pathway modulates balloon-injured carotid artery restenosis via disheveled-1." Int J Clin Exp Pathol 7.12 (2014): 8421-8431. IHC ;="Rat". 25674206