

**bs-0598R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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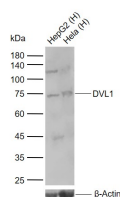
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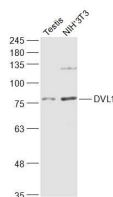
400-901-9800

**DVL1 Rabbit pAb****DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 1855**SWISS:** O14640**Target:** DVL1**Immunogen:** KLH conjugated synthetic peptide derived from human DVL1: 21-100/695.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

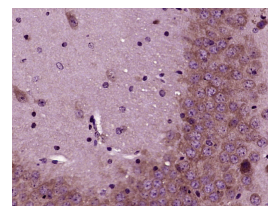
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** 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.**Applications:** **WB** (1:500-2000)  
**IHC-P** (1:100-500)  
**IHC-F** (1:100-500)  
**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 76 kDa**Subcellular Location:** Cell membrane ,Cytoplasm**VALIDATION IMAGES**

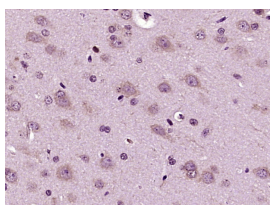
Sample: Lane 1: Human HepG2 cell lysates Lane 2: Human Hela cell lysates Primary: Anti-DVL1 (bs-0598R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 76 kDa Observed band size: 75 kDa



Sample: Testis (Mouse) Lysate at 40 ug NIH/3T3 (Mouse) Cell Lysate at 30 ug Primary: Anti-DVL1 (bs-0598R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 76 kD Observed band size: 77 kD



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

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.

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## — SELECTED CITATIONS —

- **[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