



## Anti-DVL1 (aa 1-110) polyclonal antibody (DPAB-DC797)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	DVL1, the human homolog of the <i>Drosophila</i> <i>dishevelled</i> gene ( <i>dsh</i> ) encodes a cytoplasmic phosphoprotein that regulates cell proliferation, acting as a transducer molecule for developmental processes, including segmentation and neuroblast specification. DVL1 is a candidate gene for neuroblastomatous transformation. The Schwartz-Jampel syndrome and Charcot-Marie-Tooth disease type 2A have been mapped to the same region as DVL1. The phenotypes of these diseases may be consistent with defects which might be expected from aberrant expression of a DVL gene during development.
<b>Immunogen</b>	DVL1 (NP_877580, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. The sequence is  MAETKIIYHMDEEETPYLVKLPVAPERVTLADFKNVLSNRPVHAYKFFFKSMDQDFGVVK EEIFDDNAKLPFCNGRVVSWLVLAEGAHSDAGSQGTDSSHTDLPPPLERTG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

---

<b>Gene Name</b>	<a href="#">DVL1 dishevelled segment polarity protein 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	DVL1
<b>Synonyms</b>	DVL1; dishevelled segment polarity protein 1; DVL; DVL1L1; DVL1P1; segment polarity protein dishevelled homolog DVL-1; DSH homolog 1; dishevelled-1; dishevelled, dsh homolog 1; dishevelled 1 (homologous to <i>Drosophila</i> dsh);
<b>Entrez Gene ID</b>	<a href="#">1855</a>
<b>Protein Refseq</b>	<a href="#">NP_004412</a>
<b>UniProt ID</b>	<a href="#">O14640</a>
<b>Chromosome Location</b>	1p36
<b>Pathway</b>	Adipogenesis; Canonical Wnt signaling pathway; HTLV-I infection; Melanogenesis
<b>Function</b>	Rac GTPase binding; enzyme binding; frizzled binding; identical protein binding

---