



# Dvl-2 rabbit pAb

Cat No.:ES5034

For research use only

## Overview

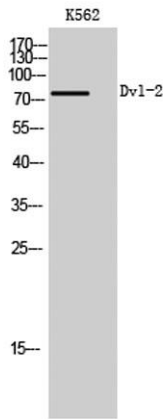
<b>Product Name</b>	Dvl-2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized peptide derived from Dvl-2 . at AA range: 670-750
<b>Specificity</b>	Dvl-2 Polyclonal Antibody detects endogenous levels of Dvl-2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Segment polarity protein dishevelled homolog DVL-2
<b>Gene Name</b>	DVL2
<b>Cellular localization</b>	Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasm, cytosol . Cytoplasmic vesicle . Nucleus . Localizes at the cell membrane upon interaction with frizzled family members and promotes their internalization. Localizes to cytoplasmic
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	80kD
<b>Human Gene ID</b>	1856
<b>Human Swiss-Prot Number</b>	O14641
<b>Alternative Names</b>	DVL2; Segment polarity protein dishevelled homolog DVL-2; Dishevelled-2; DSH homolog 2



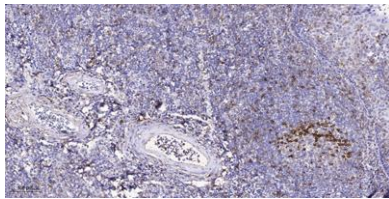


## Background

This gene encodes a member of the dishevelled (dsh) protein family. The vertebrate dsh proteins have approximately 40% amino acid sequence similarity with *Drosophila* dsh. This gene encodes a 90-kD protein that undergoes posttranslational phosphorylation to form a 95-kD cytoplasmic protein, which may play a role in the signal transduction pathway mediated by multiple Wnt proteins. The mechanisms of dishevelled function in Wnt signaling are likely to be conserved among metazoans. [provided by RefSeq, Jul 2008],



Western Blot analysis of K562 cells using Dvl-2 Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

