

Dvl-2 Polyclonal Antibody
Catalog # AP69607**Specification**

Dvl-2 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	O14641
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

Dvl-2 Polyclonal Antibody - Additional Information**Gene ID** 1856**Other Names**

DVL2; Segment polarity protein dishevelled homolog DVL-2; Dishevelled-2; DSH homolog 2

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Dvl-2 Polyclonal Antibody - Protein Information**Name** DVL2**Function**

Plays a role in the signal transduction pathways mediated by multiple Wnt genes (PubMed:24616100). Participates both in canonical and non-canonical Wnt signaling by binding to the cytoplasmic C- terminus of frizzled family members and transducing the Wnt signal to down-stream effectors. Promotes internalization and degradation of frizzled proteins upon Wnt signaling.

Cellular Location

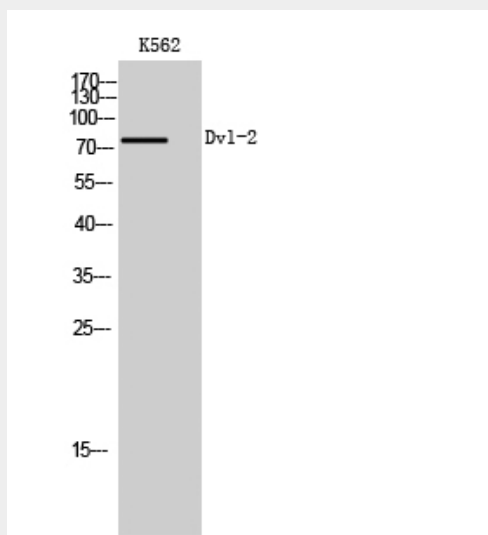
Cell membrane {ECO:0000250|UniProtKB:Q60838}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q60838}; Cytoplasmic side {ECO:0000250|UniProtKB:Q60838}. Cytoplasm, cytosol. Cytoplasmic vesicle {ECO:0000250|UniProtKB:Q60838}. Nucleus Note=Localizes at the cell membrane upon interaction with frizzled family members and promotes their internalization. Localizes to cytoplasmic puncta (By similarity). Interaction with FOXK1 and FOXK2 induces nuclear translocation (PubMed:25805136) {ECO:0000250|UniProtKB:Q60838, ECO:0000269|PubMed:24616100, ECO:0000269|PubMed:25805136}

Dvl-2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Dvl-2 Polyclonal Antibody - Images



Dvl-2 Polyclonal Antibody - Background

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