

DVL2 Polyclonal Antibody

Catalog number: 12037-1-AP

Size: 61 µg/150 µl

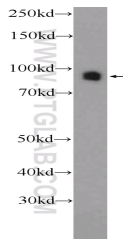
Source: Rabbit

Isotype: IgG

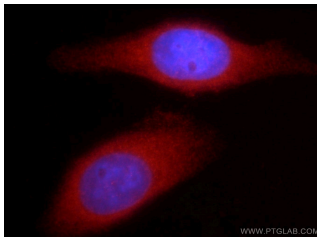
Synonyms:

DVL2; Dishevelled 2, DSH

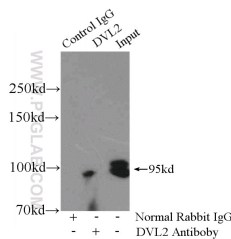
homolog 2, DVL2



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 12037-1-AP (DVL2 Antibody) at dilution of 1:1000



Immunofluorescent analysis of HepG2 cells using 12037-1-AP (DVL2 Antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG



IP Result of anti-DVL2 (IP:12037-1-AP, 4ug; Detection:12037-1-AP 1:1000) with MCF-7 cells lysate 3200ug.

Background

DVL2 is member of the dishevelled (dsh) protein family. Dvl2 participates in Wnt signaling by binding to the cytoplasmic C-terminus of frizzled family members and transducing the Wnt signal to down-stream effectors. It promotes internalization and degradation of frizzled proteins upon Wnt signaling. It plays a role both in canonical and non-canonical Wnt signaling. It also Plays a role in the signal transduction pathways mediated by multiple Wnt genes. This antibody is a specific one for siRNA detection.

Applications

| | |
|-------------------------|--|
| Tested applications: | ELISA, WB, IF, IP |
| Cited applications: | IP, WB |
| Species specificity: | Human, Mouse, Rat; other species not tested. |
| Cited species: | Human |
| Calculated DVL2 MW: | 736aa, 79 kDa |
| Observed DVL2 MW: | 90 kDa |
| Positive WB detected in | NIH/3T3 cells, MCF-7 cells, MDA-MB-453s cells, mouse thymus tissue |
| Positive IP detected in | MCF-7 cells |
| Positive IF detected in | HepG2 cells |
| Recommended dilution: | WB: 1:500-1:5000 IP: 1:500-1:5000 IF: 1:20-1:200 |

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

| | |
|---------------------------|---|
| Immunogen: | Ag2666 |
| GenBank accession number: | BC014844 |
| Gene ID (NCBI): | 1856 |
| Full name: | Dishevelled, dsh homolog 2 (Drosophila) |

Product information

| | |
|----------------------|---|
| Purification method: | Antigen affinity purification |
| Storage: | PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C. |