

DvI-3 Polyclonal Antibody

| Catalog No : | YT1425 |
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| Reactivity : | Human;Mouse |
| Applications : | WB;IHC;IF;ELISA |
| Target : | DvI-3 |
| Fields : | >>mTOR signaling pathway;>>Wnt signaling pathway;>>Notch signaling pathway;>>Hippo signaling pathway;>>Signaling pathways regulating pluripotency of stem cells;>>Melanogenesis;>>Cushing syndrome;>>Alzheimer disease;>>Pathways of neurodegeneration - multiple diseases;>>Human papillomavirus infection;>>Pathways in cancer;>>Basal cell carcinoma;>>Breast cancer;>>Hepatocellular carcinoma;>>Gastric cancer |
| Gene Name : | DVL3 |
| Protein Name : | Segment polarity protein dishevelled homolog DVL-3 |
| Human Gene Id : | 1857 |
| Human Swiss Prot | Q92997 |
| No : Mouse Gene Id : | 13544 |
| Mouse Swiss Prot | Q61062 |
| No : Immunogen : | The antiserum was produced against synthesized peptide derived from human DVL3. AA range:326-375 |
| Specificity : | DvI-3 Polyclonal Antibody detects endogenous levels of DvI-3 protein. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000 IF 1:50-200 |



| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity- |
|----------------------------|---|
| | chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Molecularweight : | 78kD |
| Cell Pathway : | WNT;WNT-T CELLNotch;Melanogenesis;Pathways in cancer;Colorectal cancer;Basal cell carcinoma; |
| Background : | This gene is a member of a multi-gene family which shares strong similarity with the Drosophila dishevelled gene, dsh. The Drosophila dishevelled gene encodes a cytoplasmic phosphoprotein that regulates cell proliferation. [provided by RefSeq, Jul 2008], |
| Function : | function:May play a role in the signal transduction pathway mediated by multiple Wnt genes.,similarity:Belongs to the DSH family.,similarity:Contains 1 DEP domain.,similarity:Contains 1 DIX domain.,similarity:Contains 1 PDZ (DHR) domain.,subunit:Interacts (via the PDZ domain) with the C-terminal regions of VANGL1 and VANGL2 (By similarity). Interacts (via the region containing both the PDZ and DEP domains) with LRRFIP2; the DIX domain may inhibit this interaction., |
| Subcellular | Cytoplasm. |
| Location : Expression : | Bone marrow, Brain, Hippocampus, Placenta, Uterus, |
| Sort : | 5295 |
| No4 : | 1 |
| Host : | Rabbit |
| Modifications : | Unmodified |

Products Images





Western blot analysis of DVL3 Antibody. The lane on the right is blocked with the DVL3 peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using DVL3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from Jurkat cells using DVL3 antibody.