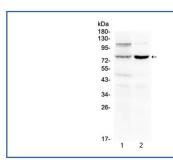


# **Dishevelled 2 Antibody (R32637)**

Catalog No.	Formulation	Size
R32637	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

#### **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	O14641
Applications	Western Blot : 0.5-1ug/ml
Limitations	This Dishevelled 2 antibody is available for research use only.



Western blot testing of 1) rat liver and 2) mouse kidney lysate with Dishevelled 2 antibody at 0.5ug/ml. Predicted molecular weight ~79 kDa, can be observed at 90-95 kDa.

### **Description**

Segment polarity protein dishevelled homolog DVL-2 is a protein that in humans is encoded by the DVL2 gene. 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.

## **Application Notes**

Optimal dilution of the Dishevelled 2 antibody should be determined by the researcher.

#### **Immunogen**

Amino acids 35-64 (AERITLGDFKSVLQRPAGAKYFFKSMDQDF) from the human protein were used as the immunogen for the Dishevelled 2 antibody.

#### **Storage**

After reconstitution, the Dishevelled 2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.