

For Research Use Only

# DVL3 Polyclonal antibody

Catalog Number: 13444-1-AP

11 Publications



## Basic Information

### Catalog Number:

13444-1-AP

### Size:

150ul, Concentration: 750 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4272

### GenBank Accession Number:

BC032459

### GeneID (NCBI):

1857

### UNIPROT ID:

Q92997

### Full Name:

dishevelled, dsh homolog 3 (Drosophila)

### Calculated MW:

716 aa, 78 kDa

### Observed MW:

78 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:6000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:500-1:2000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF, IP

### Species Specificity:

human, mouse

### Cited Species:

human, mouse, xenopus

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB: A549 cells, MCF-7 cells, Raji cells

IP: Raji cells,

IHC: human colon cancer tissue, human prostate cancer tissue, mouse colon tissue, human cervical cancer tissue

IF/ICC: HeLa cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Moonsup Lee	31270137	J Cell Biol	WB,IP
Kai Li	31831834	Oncogene	WB
Mengqi Zhu	36460966	Biol Proced Online	WB,IHC,IF

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

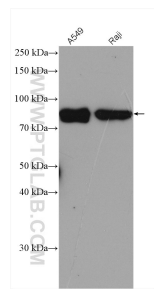
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

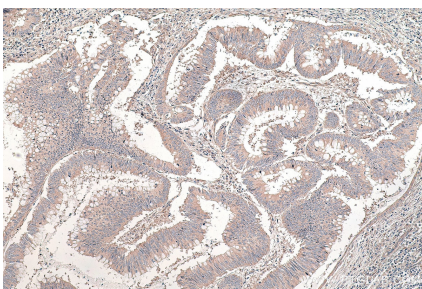
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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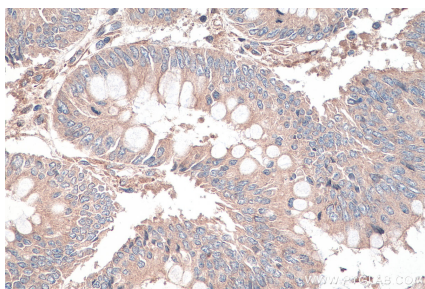
Selected Validation Data



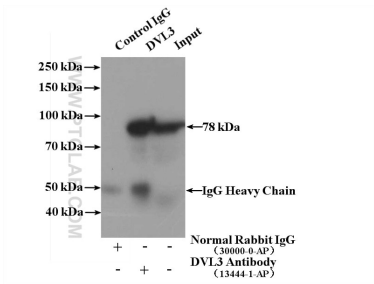
Various lysates were subjected to SDS PAGE followed by western blot with 13444-1-AP (DVL3 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



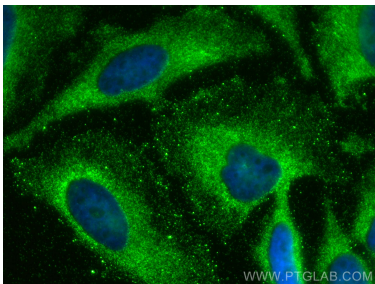
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 13444-1-AP (DVL3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 13444-1-AP (DVL3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-DVL3 (IP:13444-1-AP, 4ug; Detection:13444-1-AP 1:500) with Raji cells lysate 1440ug.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using DVL3 antibody (13444-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).