

For Research Use Only

# DVL3 Polyclonal antibody

Catalog Number: 13444-1-AP **6 Publications**



## Basic Information

**Catalog Number:**

13444-1-AP

**Size:**

750 µg/ml

**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 µg for 1.0-3.0 mg of total  
protein lysate

IHC 1:500-1:2000

IF 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, WB, ELISA

**Cited Applications:**

IF, IHC, IP, WB

**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:** HeLa cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Moonsup Lee	31270137	J Cell Biol	WB,IP
Kai Li	31831834	Oncogene	WB
Mengqi Zhu	36460966	Biol. Proc. 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

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

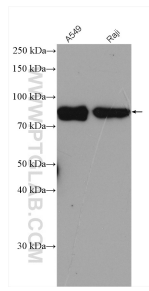
T: 4006900926

E: Proteintech-CN@ptglab.com

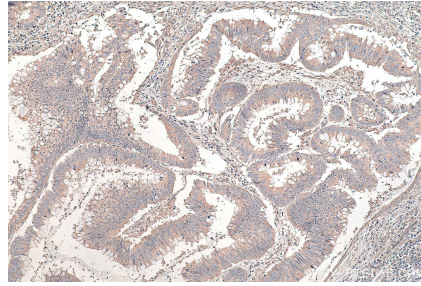
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

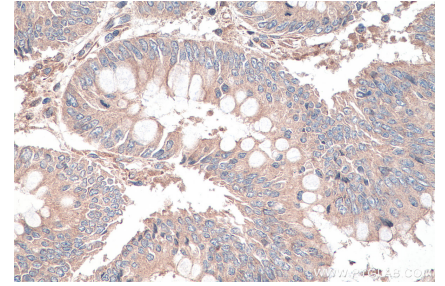
## Selected Validation Data



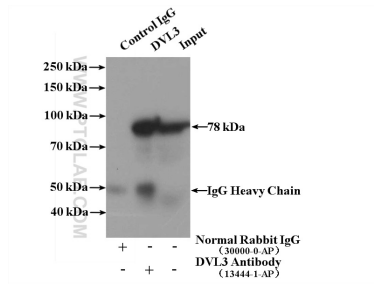
Various lysates were subjected to SDS PAGE followed by western blot with 13444-1-AP (DVL3 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



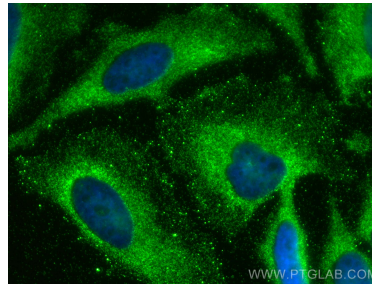
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 13444-1-AP (DVL3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 AffiniPure Goat Anti-Rabbit IgG(H+L).