

Nur für Forschungszwecke

# DVL2 Polyklonaler Antikörper

Katalog-Nr.:12037-1-AP

Vorgestelltes Produkt

20 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
12037-1-AP

Größe:  
150ul, Konzentration: 1000 µg/ml von 1856  
Nanodrop und 473 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG2666

GenBank-Zugangsnummer:  
BC014844

GeneID (NCBI):  
Vollständiger Name:  
disvevelled, dsh homolog 2  
(Drosophila)

Berechnete Masse:  
736 aa, 79 kDa

Beobachtete Masse:  
90-95 kDa

Reinigungsmethode:  
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:  
WB 1:2000-1:16000  
IP 0.5-4.0 µg für IP und 1:1000-1:8000  
für WB  
IHC 1:50-1:500  
IF 1:20-1:200

## Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte, Krallenfrosch (Xenopus)

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB: HEK-293-Zellen, HepG2-Zellen, Maus-Thymusgewebe, MCF-7-Zellen, MDA-MB-231-Zellen, MDA-MB-453s-Zellen, NIH/3T3-Zellen

IP: MCF-7-Zellen,

IHC: humanes Lungenkarzinomgewebe, humanes Gliomgewebe, humanes Prostatakarzinomgewebe, Maus-Kolongewebe, Ratten-Kolongewebe

IF: HepG2-Zellen,

## Hintergrundinformationen

DVL2 is member of the disvevelled (dsh) protein family. DVL2 encodes a 90-kD protein that undergoes posttranslational phosphorylation to form a 95-kD cytoplasmic protein in a variety of cell lines and species. 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.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zhen-Yu Shi	29039446	Int J Mol Med	WB
Mélinée Futel	30171710	J Cell Biochem	WB,IF
Xiaolong Zhang	35998547	Biochem Biophys Res Commun	WB

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

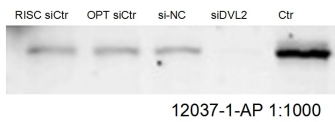
For technical support and original validation data for this product please contact:

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

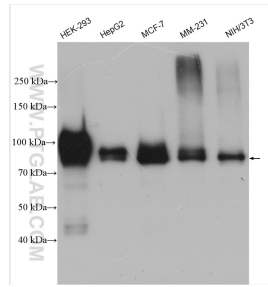
E: proteintech@ptglab.com  
W: ptglab.com

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

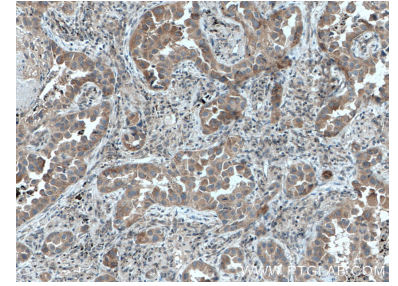
## Ausgewählte Validierungsdaten



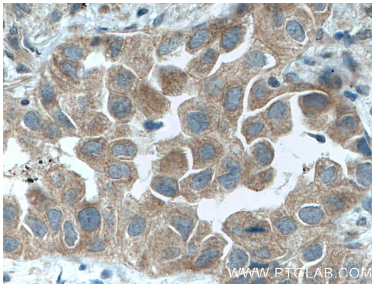
WB result of DVL2 antibody (12037-1-AP, 1:1000) with siDVL2 and si-control transfected cells.



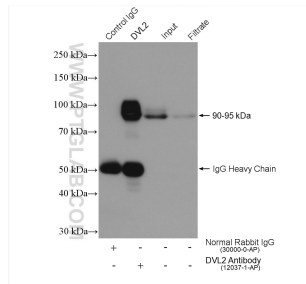
Various lysates were subjected to SDS PAGE followed by western blot with 12037-1-AP (DVL2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



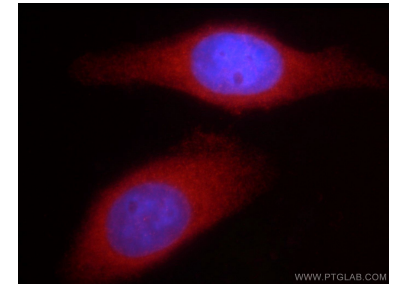
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12037-1-AP (DVL2 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12037-1-AP (DVL2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-DVL2(IP:12037-1-AP, 4ug; Detection:12037-1-AP 1:4000) with MCF-7 cells lysate 640 ug.



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