

Nur für Forschungszwecke

# DACH1 Polyklonaler Antikörper

Katalog-Nr.:10914-1-AP

Vorgestelltes Produkt

63 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 10914-1-AP	<b>GenBank-Zugangsnummer:</b> BC021219	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 600 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 1602	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> dachshund homolog 1 (Drosophila)	IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 79 kDa	IHC 1:50-1:500
<b>Immunogen Katalognummer:</b> AG1354	<b>Beobachtete Masse:</b> 97-110 kDa	IF 1:50-1:200

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, IHC, IP, WB, ELISA	<b>Positivkontrollen:</b> WB : H9C2-Zellen, HEK-293-Zellen
<b>In Publikationen genannte Anwendungen:</b> ChIP, IF, IHC, IP, WB	IP : HEK-293-Zellen,
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	IHC : humanes Ösophaguskarzinomgewebe, Maushirngewebe
<b>Zitierte Arten:</b> Hausschwein, Human, Maus, Ratte	IF : HEK-293-Zellen,

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

## Hintergrundinformationen

DACH1, a homologue of the Drosophila dachshund gene, is a key regulator of cell fate determination during eye, leg, and brain development in the fly. Through interacting with NCoR and Smad4, DACH1 is able to inhibit the transforming growth factor-beta (TGF-beta) signaling pathway. DACH1 can inhibit breast cancer cellular proliferation via cyclin D1, suggesting a possible role in tumor suppression. Additionally, DACH1 plays an important role in negative regulation of RANKL (Receptor activator of NF-kappaB ligand) gene expression in marrow stromal/preosteoblast cells, and loss of DACH1 expression might be involved in endometrial cancer progression. Four isoforms of DACH1 are produced by alternative splicing. This antibody is a rabbit polyclonal antibody raised against residues near the C terminus of human DACH1.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Fernando Bonet	30204931	Dev Dyn	IF
Masahiro Okabe	30379099	Am J Physiol Renal Physiol	IHC,IF
Wenji Yan	24149323	Epigenetics	

## Lagerung

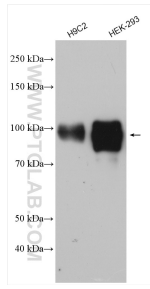
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

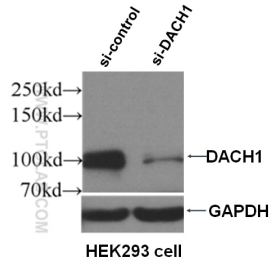
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

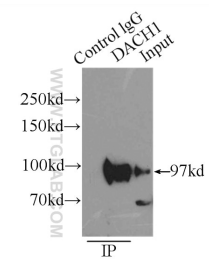
## Ausgewählte Validierungsdaten



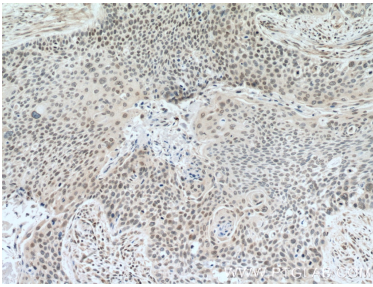
Various lysates were subjected to SDS PAGE followed by western blot with 10914-1-AP (DACH1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



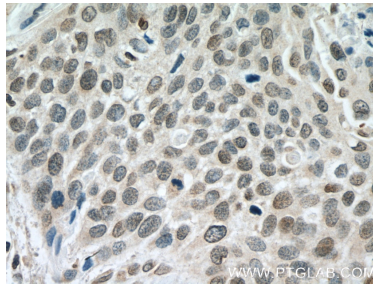
WB result of DACH1 (10914-1-AP, 1:4000) with si-control and si-DACH1 transfected HEK293 cells.



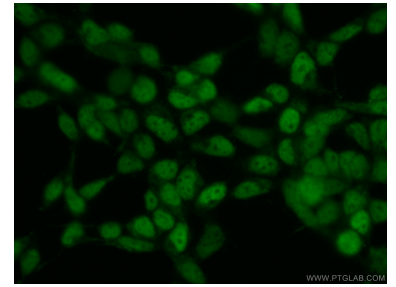
IP Result of anti-DACH1 (IP:10914-1-AP, 4ug; Detection:10914-1-AP 1:1000) with HEK-293 cells lysate 6000ug.



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 10914-1-AP (DACH1 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 oesophagus cancer tissue slide using 10914-1-AP (DACH1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HEK-293 cells using 10914-1-AP (DACH1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).