

Nur für Forschungszwecke

PDLIM5 Polyklonaler Antikörper

Katalog-Nr.:10530-1-AP

Vorgestelltes Produkt

8 Publikationen



Allgemeine Informationen

Katalog-Nr.:
10530-1-AP

Größe:
150ul, Konzentration: 350 µg/ml von
Nanodrop und 213 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG0808

GenBank-Zugangsnummer:
BC008741

GeneID (NCBI):
10611

Vollständiger Name:
PDZ and LIM domain 5

Berechnete Masse:
64 kDa

Beobachtete Masse:
63-68 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000

IP 0.5-4.0 µg für IP und 1:200-1:1000
für WB

IHC 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

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

Positivkontrollen:

WB: HeLa-Zellen, A549-Zellen, HUVEC-Zellen,
NIH/3T3-Zellen

IP: A549-Zellen,

IHC: humanes Prostatakarzinomgewebe,

Hintergrundinformationen

PDLIM5 (PDZ and LIM domain 5), formerly known as enigma homolog (ENH), is a cytoplasmic protein containing PDZ domain and LIM domain at N terminus and C terminus, respectively. PDLIM5 gene generates several splicing variants, EZH1 to EZH4. The long isoform, ENH1, is widely expressed in various tissues including heart, brain, spleen, liver and kidney. In comparison, shorter isoforms that lack the LIM motifs are expressed in cardiac (ENH3) and skeletal muscle (ENH2, ENH3, and ENH4). ENH1 is essential for differentiation of striated muscles through interaction with other proteins. In addition, PDLIM5 is also involved in mood disorders, such as schizophrenia, bipolar disorder, and major depression. This antibody is specific to PDLIM5, and its specificity has been confirmed by siRNA test.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kento Takaya	36151111	Sci Rep	IHC
Xi Liu	29228678	Oncotarget	WB, IHC
Yanliang Li	25215606	Chem Biol Drug Des	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

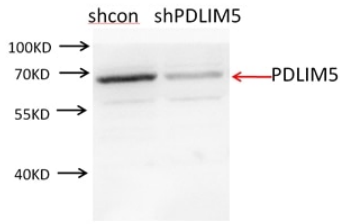
For technical support and original validation data for this product please contact:

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

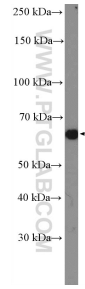
E: proteintech@ptglab.com
W: ptglab.com

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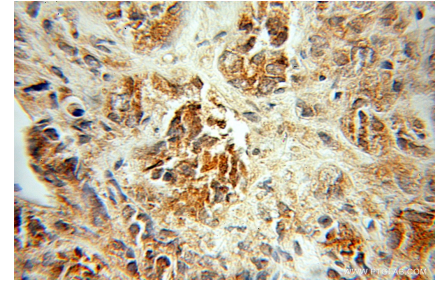
Ausgewählte Validierungsdaten



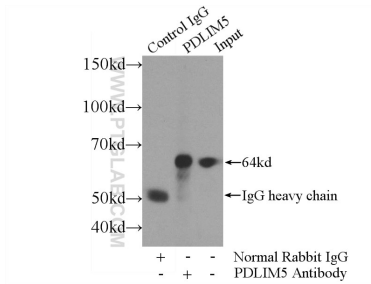
NIH3T3 cells were subjected to SDS PAGE followed by western blot with 10530-1-AP (PDLIM5 antibody) at dilution of 1:250.



HeLa cells were subjected to SDS PAGE followed by western blot with 10530-1-AP (PDLIM5 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 10530-1-AP (PDLIM5 antibody) at dilution of 1:50 (under 10x lens).



IP Result of anti-PDLIM5 (IP:10530-1-AP, 4ug; Detection:10530-1-AP 1:300) with A549 cells lysate 2400ug.