

Nur für Forschungszwecke

RUNX1 (middle) Polyklonaler Antikörper



Katalog-Nr.: 25315-1-AP

Vorgestelltes Produkt

10 Publikationen

Allgemeine Informationen

Katalog-Nr.:
25315-1-AP

Größe:
150ul, Konzentration: 1000 µg/ml von 861
Nanodrop und 467 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG17838

GenBank-Zugangsnummer:
BC136381

GeneID (NCBI):

Vollständiger Name:
runt-related transcription factor 1

Berechnete Masse:
480 aa, 52 kDa

Beobachtete Masse:
48-55 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:5000
IP 0.5-4.0 µg für IP und 1:200-1:1000
für WB
IHC 1:50-1:500
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, IP, 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: Jurkat-Zellen, Maus-Thymusgewebe

IP: Jurkat-Zellen,

IHC: humanes Kolonkarzinomgewebe, humanes Ovarialkarzinomgewebe

IF: HepG2-Zellen,

Hintergrundinformationen

Runt-related transcription factor 1 (RUNX1), also named as AML1 or CBF alpha 2, is 453 amino acid protein, which contains one Runt domain. RUNX1 localizes in the nucleus and is expressed in all tissues except brain and heart. RUNX1 is involved in hematopoiesis and is frequently targeted in human leukemia by chromosomal translocations that fuse the DNA-binding domain of RUNX1 to other transcription factors and corepressor molecules. In addition to its role in leukemogenesis, RUNX1 is also involved in sensory neuron diversification. RUNX1 exists some isoforms with range of MV 20-52 kDa. The calculated molecular weight of isoforms 1 is 49 kDa, but the modified protein is about 49-55 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Rabindranath Bera	31640815	J Hematol Oncol	WB
Vishnu Amaram Samara	34685676	Cells	IHC
Lu Zhang	32489318	Cancer Cell Int	IP

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

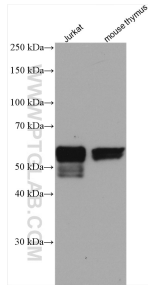
For technical support and original validation data for this product please contact:

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

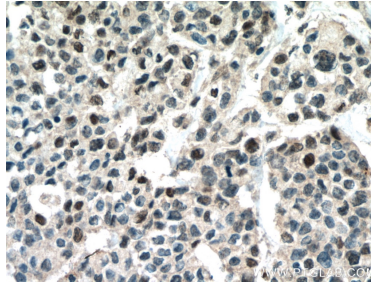
E: proteintech@ptglab.com
W: ptglab.com

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

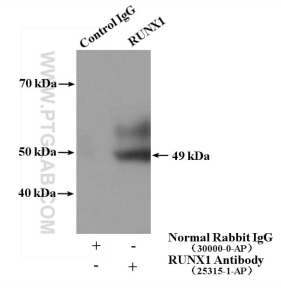
Ausgewählte Validierungsdaten



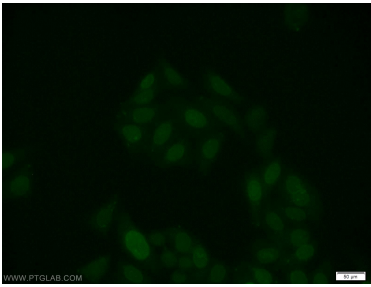
Various lysates were subjected to SDS PAGE followed by western blot with 25315-1-AP (RUNX1 (middle) antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



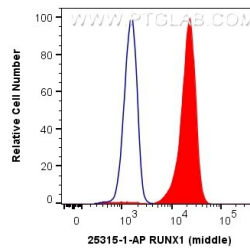
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 25315-1-AP (RUNX1 (middle) antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-RUNX1 (IP:25315-1-AP, 4ug; Detection:25315-1-AP 1:300) with Jurkat cells lysate 3440ug.



Immunofluorescent analysis of HepG2 cells using 25315-1-AP (RUNX1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1x10⁶ Jurkat cells were intracellularly stained with 0.5 ug Anti-Human RUNX1 (middle) (25315-1-AP) and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.5 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).