

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-RUNX1 (middle)



Numéro de catalogue: 25315-1-AP

Phare

12 Publications

Informations de base

Numéro de catalogue:

25315-1-AP

Taille:

150ul, Concentration: 1000 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG17838

Numéro d'acquisition GenBank:

BC136381

Identification du gène (NCBI):

861

Nom complet:

runt-related transcription factor 1

MW calculé

480 aa, 52 kDa

MW observés:

48-55 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:5000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

IF 1:10-1:100

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules Jurkat, tissu de thymus de souris

IP : cellules Jurkat,

IHC : tissu de cancer du côlon humain, tissu de tumeur ovarienne humain

IF : cellules HepG2,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Informations générales

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.

Publications notables

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

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquote n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

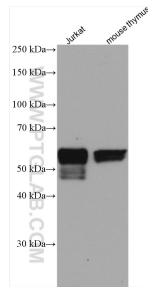
For technical support and original validation data for this product please contact:

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

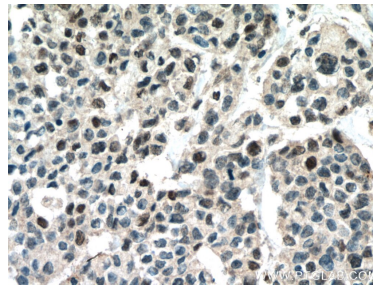
E: proteintech@ptglab.com
W: ptglab.com

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

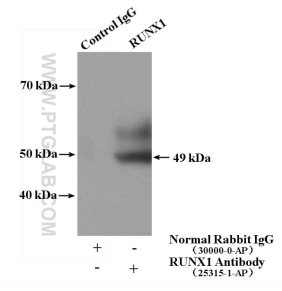
Données de validation sélectionnées



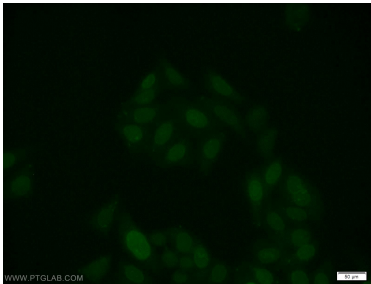
Various lysates were subjected to SDS PAGE followed by western blot with 25315-1-AP (RUNX1 (middle) antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



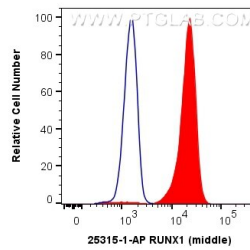
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 25315-1-AP (RUNX1 (middle) antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).