

Nur für Forschungszwecke

# RUNX2 Polyklonaler Antikörper

Katalog-Nr.:20700-1-AP

Vorgestelltes Produkt

85 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 20700-1-AP	<b>GenBank-Zugangsnummer:</b> NM_004348	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 400 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 860	<b>Empfohlene Verdünnungen:</b> WB 1:200-1:1000 IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> runt-related transcription factor 2	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 57 kDa	
	<b>Beobachtete Masse:</b> 57-60 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, WB, ELISA	<b>Positivkontrollen:</b> WB : ROS1728-Zellen, MCF-7-Zellen IF : Maushirngewebe,
<b>In Publikationen genannte Anwendungen:</b> ChIP, IF, IHC, WB	
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Zitierte Arten:</b> Huhn, Human, Maus, Ratte	

## Hintergrundinformationen

RUNX2, also named as AML3, CBFA1, OSF2 and PEBP2A, is a Transcription factor which involved in osteoblastic differentiation and skeletal morphogenesis. It is essential for the maturation of osteoblasts and both intramembranous and endochondral ossification. CBF binds to the core site, 5'-PYGPGYGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, osteocalcin, osteopontin, bone sialoprotein, alpha 1(I) collagen, LCK, IL-3 and GM-CSF promoters. By similarity, RUNX2 inhibits MYST4-dependent transcriptional activation. The antibody is specific to RUNX2.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yitong Zhao	36156740	J Bone Miner Metab	WB
Ki Mo Lee	28946662	Int J Mol Sci	WB
Lishan Lin	36232582	Int J Mol Sci	WB,IF

## Lagerung

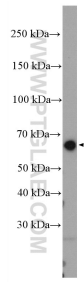
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

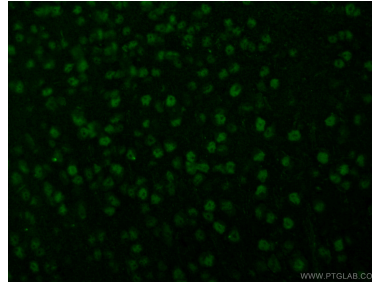
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

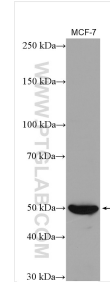
## Ausgewählte Validierungsdaten



ROS1728 cells were subjected to SDS PAGE followed by western blot with 20700-1-AP (RUNX2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 20700-1-AP (RUNX2 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



MCF-7 cells were subjected to SDS PAGE followed by western blot with 20700-1-AP (RUNX2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.