

For Research Use Only

RUNX2 Recombinant antibody, PBS Only



Catalog Number: 82636-2-PBS

Basic Information

Catalog Number: 82636-2-PBS	GenBank Accession Number: NM_004348	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 860	CloneNo.: 1G5
Source: Rabbit	UNIPROT ID: Q13950	
Isotype: IgG	Full Name: runt-related transcription factor 2	
	Calculated MW: 57 kDa	
	Observed MW: 57-60 kDa	

Applications

Tested Applications:
WB, IP, ELISA

Species Specificity:
Human, mouse

Background Information

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'-PYGPGGT-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.

Storage

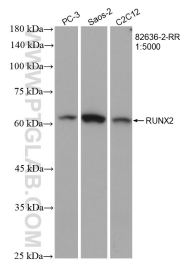
Storage:
Store at -80°C.

Storage Buffer:
PBS only

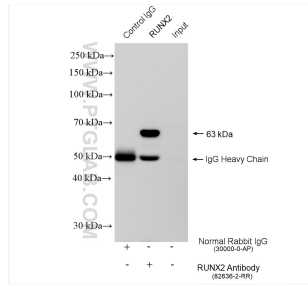
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82636-2-RR (RUNX2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82636-2-PBS in a different storage buffer formulation.



IP result of anti-RUNX2 (IP:82636-2-RR, 4ug; Detection:82636-2-RR 1:500) with ROS1728 cells lysate 2080 ug. This data was developed using the same antibody clone with 82636-2-PBS in a different storage buffer formulation.