

Rabbit Anti-RUNX2

(100 µg/vial, Lyophilized)

Catalog Number: BPAB3109

FOR RESEARCH USE ONLY

Detroit R&D, Inc.

Product Name	Anti-RUNX2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Rabbit IgG polyclonal antibody for Runt-related transcription factor 2(RUNX2) detection. Tested with WB in Human;Mouse;Rat.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Storage Instructions	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q13950

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human RUNX2, identical to the related rat and mouse sequences.
Predicted Reactive Species	Hamster
Cross Reactivity	No cross reactivity with other proteins
Form	Lyophilized
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5µg/ml, Human, Rat, Mouse

Western blot analysis of RUNX2 using anti-RUNX2 antibody.

The sample well of each lane was loaded with 50ug of sample under reducing conditions.

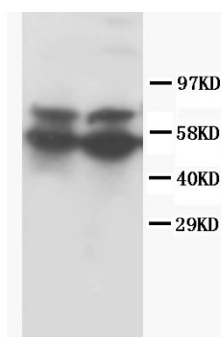
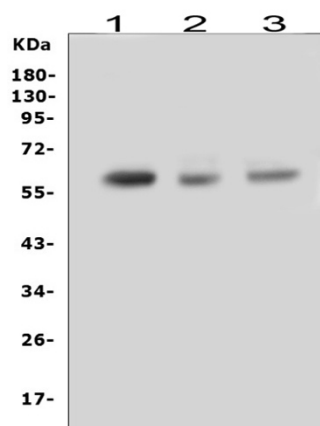
Lane 1: human U-87MG whole cell lysate,

Lane 2: rat liver tissue lysate,

Lane 3: mouse liver tissue lysate.

Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-RUNX2 antigen affinity purified polyclonal antibody at 0.5 µg/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 min each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit.

A specific band was detected for RUNX2 at approximately 62KD. The expected band size for RUNX2 is at 58KD.



Anti-RUNX2 antibody, Western blotting

Lane 1: Rat Thymus Tissue Lysate

Lane 2: Rat Testis Tissue Lysate