

## RUNX-2 (N278) polyclonal antibody

Catalog: BS2831

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

RUNX2 (Runt-related transcription Factor) is a transcription factor that binds to its canonical consensus sequence 5'-PYGPYGGT-3' in a number of promoters and enhancers. They include LCK, T-cell receptor enhancers, and various bone related genes such as osteocalcin, osteopontin, and bone sialoprotein. As a result of this, RUNX2 is involved in osteoblastic differentiation and skeletal morphogenesis. RUNX2 contains a proline/serine/threonine-rich region at its C-terminus that has shown to be critical for its transcriptional activity.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 57 kDa

### Swiss-Prot:

Q13950

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

RUNX2 (N278) polyclonal antibody detects endogenous levels of RUNX2 protein.

### DATA:



Western blot (WB) analysis of RUNX-2 (N278) polyclonal antibody at 1:500 dilution

Lane1:SK-OVCAR3 whole cell lysate(40ug)

Lane2:Jurkat whole cell lysate(40ug)

Lane3:SP2/0 whole cell lysate(40ug)

Lane4:H9C2 whole cell lysate(40ug)

Immunohistochemistry (IHC) analyzes of RUNX2 (N278) pAb in paraffin-embedded human brain tissue.

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151