

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 pro-line/serine/ threonine-rich region at its C-terminus that has shown to be critical for its transcriptional activity.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

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.

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