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RUNX2 Polyclonal Antibody

Cat #: G-AB-05947

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
Transcription factor involved in osteoblastic differentiation and skeletal morphogenesis. Essential for the maturation of osteoblasts and both intramembranous and endochondral ossification. CBF binds to the core site, 5'-PYGPYGGT-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). Inhibits MYST4-dependent transcriptional activation.

Gene ID:

Accession #:

Immunogen: Synthesized peptide derived from the Internal region of human RUNX2.

Conjugation: Unconjugated

Swissprot: Q13950

Calculated Molecular Weight: 57 kDa

Observed Molecular Weight: 56 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: WB,IF,ELISA

Dilution: WB 1:500-1:2000, IF 1:50-1:200, ELISA 1:20000

Storage: Store at -20°C. Avoid freeze / thaw cycles.