

**RUNX2 Rabbit mAb**  
Catalog # AP78982**Specification**

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**RUNX2 Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">Q13950</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>56648</b>

**RUNX2 Rabbit mAb - Additional Information****Gene ID** 860**Other Names**

RUNX2

**Dilution**

WB~~1/500-1/1000

**Format**

Liquid

**RUNX2 Rabbit mAb - Protein Information****Name** RUNX2**Synonyms** AML3, CBFA1, OSF2, PEBP2A**Function**

Transcription factor involved in osteoblastic differentiation and skeletal morphogenesis (PubMed:<a href="http://www.uniprot.org/citations/28505335" target="\_blank">28505335</a>, PubMed:<a href="http://www.uniprot.org/citations/28703881" target="\_blank">28703881</a>, PubMed:<a href="http://www.uniprot.org/citations/28738062" target="\_blank">28738062</a>). Essential for the maturation of osteoblasts and both intramembranous and endochondral ossification. CBF binds to the core site, 5'-PYGPGYGGT-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. In osteoblasts, supports transcription activation: synergizes with SPEN/MINT to enhance FGFR2-mediated activation of the osteocalcin FGF-responsive element (OCFRE) (By similarity). Inhibits KAT6B-dependent transcriptional activation.

**Cellular Location**

Nucleus. Cytoplasm {ECO:0000250|UniProtKB:Q08775}

**Tissue Location**

Specifically expressed in osteoblasts.

### RUNX2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### RUNX2 Rabbit mAb - Images

