

RUNX2 Rabbit mAb
Catalog # AP78982**Specification**

RUNX2 Rabbit mAb - Product Information

Application	WB
Primary Accession	Q13950
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	56648

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:28505335, PubMed:28703881, PubMed:28738062). 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

