

RUNX2 Polyclonal Antibody
Catalog # AP72375**Specification**

RUNX2 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q13950
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

RUNX2 Polyclonal Antibody - Additional Information**Gene ID** 860**Other Names**

RUNX2; AML3; CBFA1; OSF2; PEBP2A; Runt-related transcription factor 2; Acute myeloid leukemia 3 protein; Core-binding factor subunit alpha-1; CBF-alpha-1; Oncogene AML-3; Osteoblast-specific transcription factor 2; OSF-2; Polyomavirus enhan

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

RUNX2 Polyclonal Antibody - 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'-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. 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}

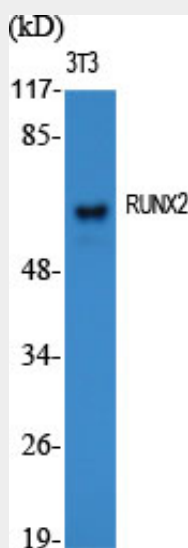
Tissue Location

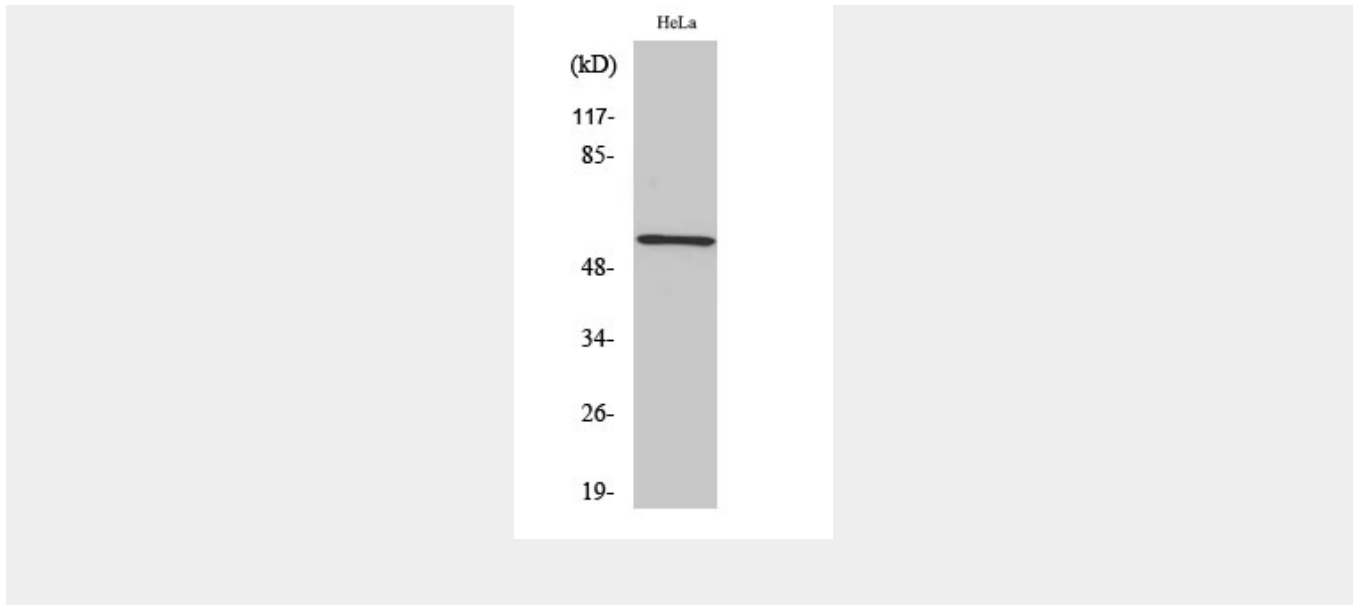
Specifically expressed in osteoblasts.

RUNX2 Polyclonal Antibody - 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 Polyclonal Antibody - Images



RUNX2 Polyclonal Antibody - Background

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