

RUNX2

Reactivity:Human Mouse

Tested applications:WB

Recommended Dilution:WB 1:200 - 1:1000

Calculated MW:57kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human RUNX2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

kn

Synonym:

CCD; AML3; CCD1; CLCD; OSF2; CBFA1; OSF-2; PEA2aA; PEBP2aA; CBF-alpha-1

Catalog #:A2851

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:860

Isotype:IgG

Swiss Prot:Q13950

Purity:Affinity purification

For research use only.

Background:

This gene is a member of the RUNX family of transcription factors and encodes a nuclear protein with an Runt DNA-binding domain. This protein is essential for osteoblastic differentiation and skeletal morphogenesis and acts as a scaffold for nucleic acids and regulatory factors involved in skeletal gene expression. The protein can bind DNA both as a monomer or, with more affinity, as a subunit of a heterodimeric complex. Mutations in this gene have been associated with the bone development disorder cleidocranial dysplasia (CCD). Transcript variants that encode different protein isoforms result from the use of alternate promoters as well as alternate splicing.

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