

RUNX2 Polyclonal Antibody

Catalog No. E-AB-40262

Note: Centrifuge before opening to ensure complete recovery of vial contents.

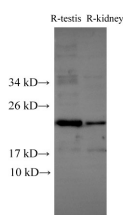
Description

| | |
|---------------------|---|
| Reactivity | Rat |
| Immunogen | Recombinant Rat Runt-related transcription factor 2 protein |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Antigen Affinity Purification |
| Conjugation | Unconjugated |
| Buffer | PBS with 0.05% Proclin300 and 50% glycerol, pH7.4. |

Applications Recommended Dilution

WB 1:500-1:1000

Data



Western Blot analysis of Rat testis and Rat kidney using Runx2 Polyclonal Antibody at dilution of 1:500

Observed Mw:24 kDa
Calculated Mw:24 kDa

Preparation & Storage

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

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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