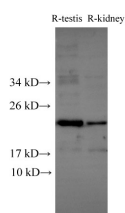


## RUNX2 Polyclonal Antibody

<b>Catalog No.</b>	E-AB-40262	<b>Reactivity</b>	R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB	<b>Isotype</b>	IgG

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

### Images



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

### Immunogen Information

<b>Immunogen</b>	Recombinant Rat Runt-related transcription factor 2 protein
<b>Swissprot</b>	Q9Z2J9
<b>Synonyms</b>	Acute myeloid leukemia 3 protein, Alpha subunit 1, AML3, CBF alpha 1, CBF-alpha-1, CBFA1, CCD, CCD1

### Product Information

<b>Calculated MW</b>	24 kDa
<b>Observed MW</b>	24 kDa
<b>Buffer</b>	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
<b>Purify</b>	Antigen Affinity Purification
<b>Dilution</b>	WB 1:500-1:1000

### 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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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.