

Recombinant

DGRmAb®

## RUNX2 (DGR31289) Rabbit mAb

db11528

Package : 10µL 20µL 50µL 100µL

**Product Name :** RUNX2 (DGR31289) Rabbit mAb

**Cat.No.:** db11528

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

**Application :** WB, IHC-P, IP

**Reactivity :** Human,Mouse,Rat

**Host species :** Rabbit

### 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. Two regions of potential trinucleotide repeat expansions are present in the N-terminal region of the encoded protein, and these and other 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. [provided by RefSeq, Jul 2016]

### Immunogen

A synthetic peptide of human RUNX2

### Gene ID

860, 12393, 367218

### Swiss Prot

Q13950, Q08775, Q9Z2J9

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### Reactivity

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### Application

WB, IHC-P, IP

### Recommended dilution

WB: 1:1000  
IHC-P: 1:200-1:2000  
IP: 1:20-1:50

### Calculated MW

57 kDa

### Observed MW

55-62 kDa

### Host species

Rabbit

### Clonality

Monoclonal

<b>Clonality No.</b>	DGR31289
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
□	Western blot analysis of extracts from HeLa, A431 cells using db11528 at 1:1000.