

## RUNX2 Polyclonal Antibody

catalog number: E-AB-30103

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

### Description

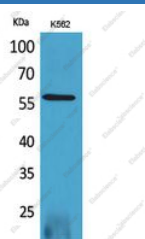
|                     |                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Mouse;Rat                                                                                             |
| <b>Immunogen</b>    | Synthesized peptide derived from the Internal region of human RUNX2.                                        |
| <b>Host</b>         | Rabbit                                                                                                      |
| <b>Isotype</b>      | Rabbit IgG                                                                                                  |
| <b>Purification</b> | Affinity purification                                                                                       |
| <b>Buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol. |

### Applications

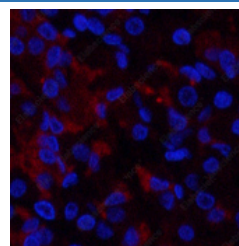
### Recommended Dilution

|           |              |
|-----------|--------------|
| <b>WB</b> | 1:500-1:2000 |
| <b>IF</b> | 1:50-1:200   |

### Data



Western Blot analysis of K562 cells with RUNX2 Polyclonal Antibody.  
**Observed-MW:56 kDa**  
**Calculated-MW:57 kDa**



Immunofluorescence analysis of Human stomach tissue using RUNX2 Polyclonal Antibody at dilution of 1:200.

### Preparation & Storage

|                 |                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                          |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

### Background

Transcription factor involved in osteoblastic differentiation and skeletal morphogenesis. 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 (By similarity). Inhibits MYST4-dependent transcriptional activation.

### For Research Use Only

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