

## Datasheet for ABIN739375 **anti-RUNX3 antibody (Cy5.5)**

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### Overview

|              |                                                                                 |
|--------------|---------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                          |
| Target:      | RUNX3                                                                           |
| Reactivity:  | Human, Mouse, Rat, Cow, Chicken, Dog                                            |
| Host:        | Rabbit                                                                          |
| Clonality:   | Polyclonal                                                                      |
| Conjugate:   | This RUNX3 antibody is conjugated to Cy5.5                                      |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human Runx3 |
| Isotype:          | IgG                                                       |
| Cross-Reactivity: | Chicken, Cow, Dog, Human, Mouse, Rat                      |
| Purification:     | Purified by Protein A.                                    |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | RUNX3                                                                                                                                                                                                                                                                                                                                                               |
| Alternative Name: | Runx3 ( <a href="#">RUNX3 Products</a> )                                                                                                                                                                                                                                                                                                                            |
| Background:       | Synonyms: RUNX 3, RUNX-3, Runt-related transcription factor 3, Core-binding factor, alpha 3 subunit, CBF-alpha 3, Acute myeloid leukemia 2 protein, OncogeneAML-2, Polyomavirus enhancer-binding protein 2 alpha C subunit, PEBP2-alpha C, PEA2-alpha C, SL3-3 enhancer factor 1 alpha C subunit, SL3/AKV core-binding factor alpha C subunit, Core-binding factor, |

## Target Details

alpha 3 subunit, CBF-alpha 3, Acute myeloid leukemia 2 protein, Oncogene AML-2, Polyomavirus enhancer-binding protein 2 alpha C subunit, PEBP2-alpha C, PEA2-alpha C, SL3-3 enhancer factor 1 alpha C subunit, RUNX3\_HUMAN, SL3/AKV core-binding factor alpha C subunit.

Background: RUNX3 binds to the core site of murine Leukemia virus, the core sequences in the enhancer of the polyomavirus, and also to the enhancers of the T-cell receptor genes. May be involved in the control of cellular proliferation and/or differentiation (By similarity). Heterodimer of an alpha and a beta subunit. The alpha subunit binds DNA as a monomer and through the Runt domain. DNA-binding is increased by heterodimerization. Interacts with TLE1 and SUV39H1, Subcellular location in Nucleus.

Gene ID: 864

## Application Details

Application Notes: IF(IHC-P)(1:100-500)  
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months