Datasheet for ABIN739376

# anti-RUNX3 antibody (Cy7)

Go to Product page

## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | RUNX3 |
| Reactivity: | Human, Mouse, Rat, Cow, Chicken, Dog |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RUNX3 antibody is conjugated to Cy7 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

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| 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

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| Target: | RUNX3 |
| Alternative Name: | Runx3 (RUNX3 Products) |
| 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

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|---|---|
| | 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.<br>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. |
| Molecular Weight: | 44kDa |
| Gene ID: | 864 |

## Application Details

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| Application Notes: | IF(IHC-P)(1:100-500)<br>Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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| 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 |