

Datasheet for ABIN3043429  
**anti-RUNX3 antibody (AA 128-270)**

## 6 Images

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## Overview

Quantity:	100 µg
Target:	RUNX3
Binding Specificity:	AA 128-270
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit IgG polyclonal antibody for Runt-related transcription factor 3(RUNX3) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	E.coli-derived human RUNX3 recombinant protein (Position: M128-Y270). Human RUNX3 shares 93% amino acid (aa) sequence identity with mouse RUNX3.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Runt-related transcription factor 3(RUNX3) detection. Tested with WB, IHC-P in Human,Mouse,Rat.</p> <p>Gene Name: runt-related transcription factor 3</p> <p>Protein Name: Runt-related transcription factor 3</p>
Purification:	Immunogen affinity purified.

## Target Details

Target:	RUNX3
Alternative Name:	RUNX3 ( <a href="#">RUNX3 Products</a> )
Background:	<p>Runt-related transcription factor 3, also called AML2 is a protein that in humans is encoded by the RUNX3 gene. The RUNX3 gene encodes a Runt-related transcription factor, which is part of the RUNX gene family. By fluorescence in situ hybridization, RUNX3 was assigned to human chromosome 1p36.11. 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. It may be involved in the control of cellular proliferation and/or differentiation.</p> <p>Synonyms: Acute myeloid leukemia 2 protein antibody Acute myeloid leukemia gene 2 antibody AML 2 antibody AML2 antibody CBF alpha 3 antibody CBF-alpha-3 antibody CBFA 3 antibody CBFA3 antibody Core binding factor alpha 3 subunit antibody core binding factor antibody Core binding factor runt domain alpha subunit 3 antibody Core binding factor subunit alpha 3 antibody core-binding factor antibody Core-binding factor subunit alpha-3 antibody FLJ34510 antibody MGC16070 antibody Oncogene AML 2 antibody Oncogene AML-2 antibody PEA2 alpha C antibody PEA2-alpha C antibody PEBP2 alpha C antibody PEBP2-alpha C antibody Pebp2a3 antibody PEBP2aC antibody Polyomavirus enhancer binding protein 2 alpha C subunit antibody  Polyomavirus enhancer-binding protein 2 alpha C subunit antibody runt domain alpha subunit 3 antibody runt related transcription factor 3 antibody Runt-related transcription factor 3 antibody RUNX 3 antibody Runx3 antibody RUNX3_HUMAN antibody SL3 3 enhancer factor 1 alpha C subunit antibody SL3-3 enhancer factor 1 alpha C subunit antibody SL3/AKV core binding factor alpha C subunit antibody SL3/AKV core-binding factor alpha C subunit antibody  Transcription factor AML2 antibody</p>
Gene ID:	864
UniProt:	<a href="#">Q13761</a>

## Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human</p> <p>IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.</p> <p>Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
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## Application Details

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Buffer: Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05 mg Sodium azide.

Preservative: Sodium azide

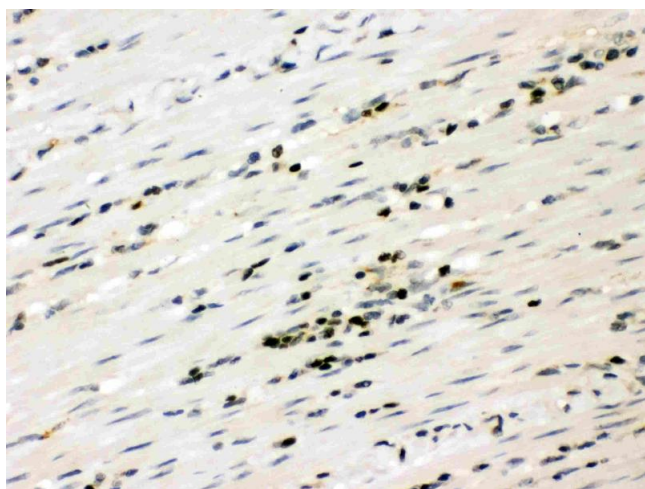
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

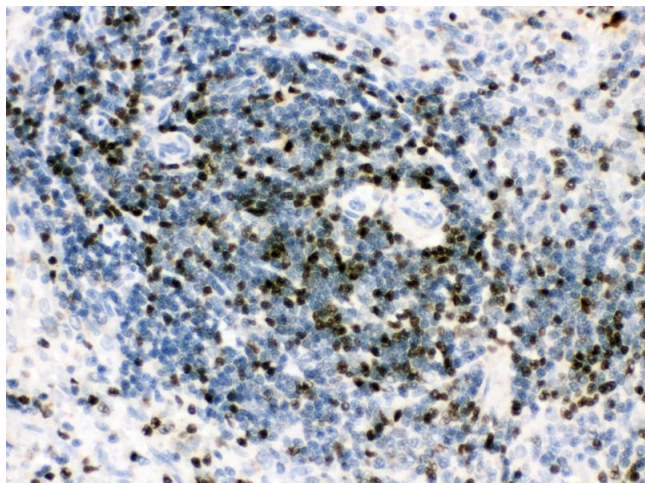
Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.  
It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

## Images



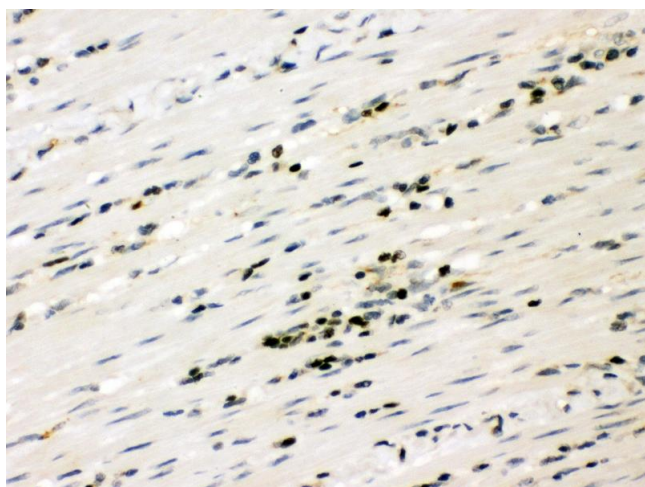
### Immunohistochemistry

**Image 1.** Anti- RUNX3 Picoband antibody, IHC(P): Human Intestinal Cancer Tissue



#### Immunohistochemistry

**Image 2.** Anti- RUNX3 Picoband antibody, IHC(P) IHC(P):  
Rat Spleen Tissue



#### Immunohistochemistry

**Image 3.** Anti- RUNX3 Picoband antibody, IHC(P) IHC(P):  
Human Intestinal Cancer Tissue

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3043429.