

Datasheet for ABIN656507  
**anti-HOXB3 antibody (AA 119-148)**

## 2 Images

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## Overview

Quantity:	400 µL
Target:	HOXB3
Binding Specificity:	AA 119-148
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This HOXB3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 119-148 amino acids from the Central region of human HOXB3.
Clone:	RB31311
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	HOXB3
Alternative Name:	HOXB3 ( <a href="#">HOXB3 Products</a> )
Background:	This gene is a member of the Antp homeobox family and encodes a nuclear protein with a

## Target Details

homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML).

Molecular Weight: 44340

Gene ID: 3213

NCBI Accession: [NP\\_002137](#)

UniProt: [P14651](#)

## Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

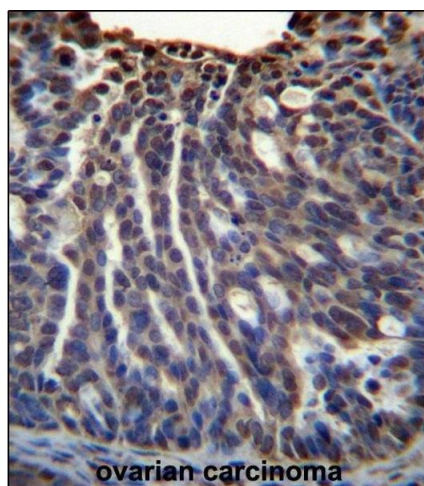
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

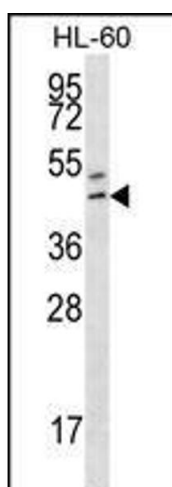
Storage Comment: HOXB3 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** HOXB3 Antibody (Center) (ABIN656507 and ABIN2845779) immunohistochemistry analysis in formalin fixed and paraffin embedded human ovarian carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HOXB3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



#### Western Blotting

**Image 2.** HOXB3 Antibody (Center) (ABIN656507 and ABIN2845779) western blot analysis in HL-60 cell line lysates (35 µg/lane). This demonstrates the HOXB3 antibody detected the HOXB3 protein (arrow).