

Datasheet for ABIN952777
anti-HOXB3 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	HOXB3
Binding Specificity:	AA 118-148, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 118-148 amino acids from the Central region of Human HOXB3 / HOX2G
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human HOXB3 / HOX2G (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	HOXB3
Alternative Name:	HOXB3 / HOX2G (HOXB3 Products)

Target Details

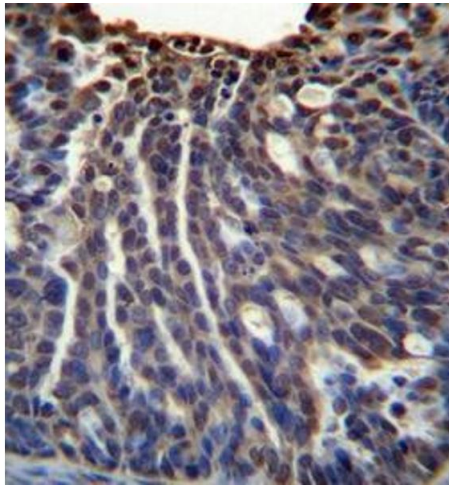
Background:	This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML).Synonyms: Homeobox protein Hox-B3, Hox-2.7, Hox-2G
Molecular Weight:	44340 Da
Gene ID:	3213
NCBI Accession:	NP_002137

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

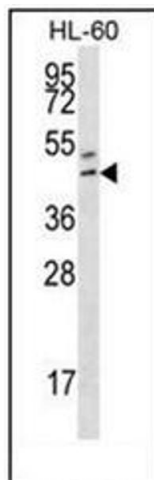
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
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:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. immunohistochemistry analysis in formalin fixed and paraffin embedded human ovarian carcinoma reacted with HOXB3 / HOX2G Antibody (Center) followed which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of HOXB3 / HOX2G Antibody (Center) in HL-60 cell line lysates (35ug/lane). This demonstrates the HOXB3 antibody detected the HOXB3 protein (arrow).