

Datasheet for ABIN952778
anti-HOXB6 antibody (Middle Region)

2 Images

[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	HOXB6
Binding Specificity:	AA 135-163, Middle Region
Reactivity:	Mouse, Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB6 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 135-163 amino acids from the Central region of human HOXB6 / HOX2B
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse HOXB6 / HOX2B (Center). Other species not tested.
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	HOXB6
Alternative Name:	HOXB6 / HOX2B (HOXB6 Products)

Target Details

Background: This gene is a member of the Antp homeobox family and encodes a 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, including that of lung and skin, and has been localized to both the nucleus and cytoplasm. Altered expression of this gene or a change in the subcellular localization of its protein is associated with some cases of acute myeloid leukemia and colorectal cancer. Synonyms: HU-2, Homeobox protein Hox-B6, Hox-2.2, Hox-2B

Molecular Weight: 25432 Da

Gene ID: 3216

NCBI Accession: [NP_061825](#)

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, 0.09 % (W/V) Sodium Azide

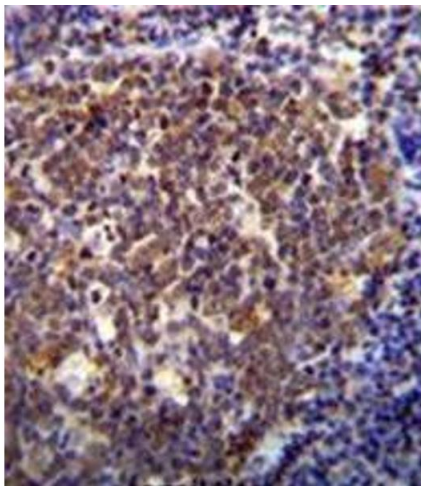
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

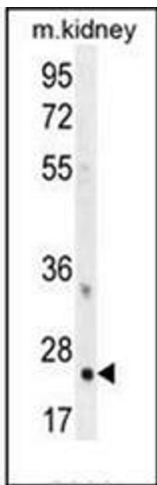
Storage: 4 °C/-20 °C

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 tonsil tissue reacted with HOXB6 / HOX2B Antibody (Center) followed which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of HOXB6 / HOX2B Antibody (Center) in mouse kidney tissue lysates (35ug/lane). This demonstrates the HOXB6 antibody detected the HOXB6 protein (arrow).