

Datasheet for ABIN655657
anti-HOXB6 antibody (AA 128-155)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	HOXB6
Binding Specificity:	AA 128-155
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HOXB6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 128-155 amino acids from the Central region of human HOXB6.
Clone:	RB24648
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HOXB6
Alternative Name:	HOXB6 (HOXB6 Products)
Background:	This gene is a member of the Antp homeobox family and encodes a protein with a homeobox

Target Details

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.

Molecular Weight: 25432

Gene ID: 3216

NCBI Accession: [NP_061825](#)

UniProt: [P17509](#)

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.

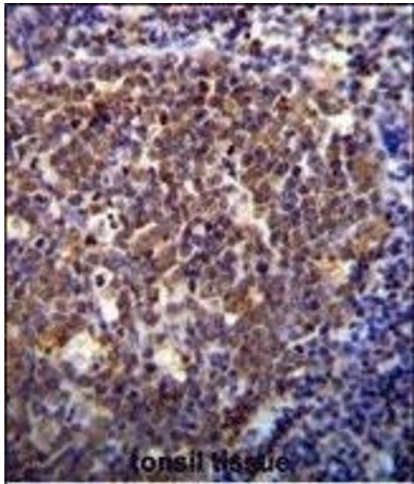
Preservative: Sodium azide

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

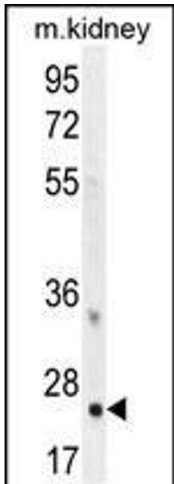
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. HOXB6 Antibody (Center) (ABIN655657 and ABIN2845130) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HOXB6 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. HOXB6 Antibody (Center) (ABIN655657 and ABIN2845130) western blot analysis in mouse kidney tissue lysates (35 µg/lane). This demonstrates the HOXB6 antibody detected the HOXB6 protein (arrow).