

Datasheet for ABIN952787

anti-HOXD4 antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	HOXD4
Binding Specificity:	AA 194-223, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXD4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 194-223 amino acids from the C-terminal region of human HOXD4 / HOX4B
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human HOXD4 / HOX4B (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	HOXD4
Alternative Name:	HOXD4 / HOX4B (HOXD4 Products)
Background:	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly

Target Details

conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located at 2q31-2q37 chromosome regions. Deletions that removed the entire HOXD gene cluster or 5' end of this cluster have been associated with severe limb and genital abnormalities. The protein encoded by this gene may play a role in determining positional values in developing limb buds. Alternatively spliced variants have been described but their full length nature has not been determined. Synonyms: HHO.C13, Homeobox protein Hox-D4, Hox-4B, Hox-5.1

Molecular Weight: 27885 Da

Gene ID: 3233

NCBI Accession: [NP_055436](#)

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

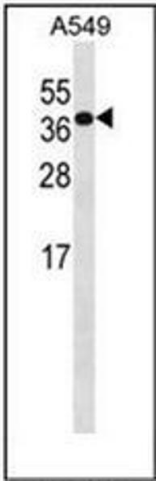
Preservative: Sodium azide

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.



Western Blotting

Image 1. Western blot analysis of HOXD4 / HOX4B Antibody (C-term) in A549 cell line lysates (35ug/lane). This demonstrates the HOXD4 antibody detected the HOXD4 protein (arrow).