



[Go to Product page](#)

Datasheet for ABIN952784

anti-HOXD11 antibody (Middle Region)

1 Image

Overview

Quantity:	0.4 mL
Target:	HOXD11
Binding Specificity:	AA 186-216, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXD11 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 186-216 amino acids from the Central region of human HOXD11 / HOX4F
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human HOXD11 / HOX4F (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	HOXD11
Alternative Name:	HOXD11 / HOX4F (HOXD11 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 in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. The product of the mouse Hoxd11 gene plays a role in forelimb morphogenesis. Synonyms: Homeobox protein Hox-D11, Hox-4F

Molecular Weight: 35197 Da

Gene ID: 3237

NCBI Accession: [NP_067015](#)

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

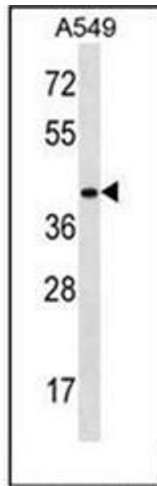
Preservative: Sodium azide

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 HOXD11 Antibody (Center) in A549 cell line lysates (35ug/lane). This demonstrates the HOXD11 antibody detected the HOXD11 protein (arrow).