



Datasheet for ABIN3031252  
**anti-HOXD12 antibody (AA 211-237)**



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2 Images

Overview

Quantity:	0.4 mL
Target:	HOXD12
Binding Specificity:	AA 211-237
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXD12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 211-237 from the human protein was used as the immunogen for this HOXD12 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	HOXD12
Alternative Name:	HOXD12 ( <a href="#">HOXD12 Products</a> )
Background:	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly 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,

## Target Details

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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 exact role of this gene has not been determined.

UniProt: [B5MCD3](#)

## Application Details

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Application Notes: Titration of the HOXD12 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: In 1X PBS pH 7.4 with 0.09 % 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: -20 °C

Storage Comment: Aliquot the HOXD12 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



#### Western Blotting

**Image 1.** HOXD12 antibody western blot analysis in A549 lysate.



#### Western Blotting

**Image 2.** HOXD12 antibody western blot analysis in A549 lysate.