# antibodies -online.com





# anti-HOXD11 antibody (Middle Region)



Image



# Overview

Quantity:	100 μL
Target:	HOXD11
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Sheep, Cow, Rabbit, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXD11 antibody is un-conjugated
Application:	Western Blotting (WB)

## **Product Details**

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HOXD11
Sequence:	GFDQFYEAAP GPPFAGPQPP PPPAPPQPEG AADKGDPRTG AGGGGGSPCT
Predicted Reactivity:	Cow: 83%, Dog: 92%, Human: 100%, Mouse: 85%, Rabbit: 85%, Sheep: 83%
Characteristics:	This is a rabbit polyclonal antibody against HOXD11. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

# **Target Details**

Target:	HOXD11
Alternative Name:	HOXD11 (HOXD11 Products)

## Target Details

Background:
-------------

HOXD11 belongs to the homeobox family. This family play an important role in morphogenesis in all multicellular organisms. The mouse Hoxd11 plays a role in forelimb morphogenesis. 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, 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.

Alias Symbols: HOX4, HOX4F

Protein Interaction Partner: MEIS1, HMGB1,

Protein Size: 338

Molecu	lar V	Veigh	ıt:

35 kDa

Gene ID:

3237

NCBI Accession:

NM\_021192, NP\_067015

UniProt:

A6NIS4

#### **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 338 AA
Restrictions:	For Research Use only

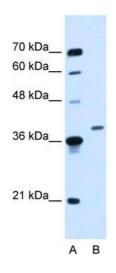
# Handling

Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## **Images**



# **Western Blotting**

**Image 1.** WB Suggested Anti-HOXD11 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate