

Datasheet for ABIN7074252

anti-HOXD12 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	HOXD12
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXD12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse HOXD12
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	HOXD12
Alternative Name:	HOXD12 (HOXD12 Products)
Background:	The Hox proteins are a family of transcription factors that play a role in development and cellular differentiation by regulating downstream target genes. Specifically, the Hox proteins direct DNA-protein and protein-protein interactions that assist in determining the morphologic features associated with the anterior-posterior body axis. Hox proteins are involved in controlling axial patterning, leukemias and hereditary malformations. HoxD12 (homeobox D12),

Target Details

also known as HOX4H, is a 275 amino acid protein that localizes to the nucleus and contains one homeobox DNA-binding domain. One of several members of the homeobox superfamily, HoxD12 functions as a sequencespecific transcription factor that is important for the correct positioning of developing limb buds on the anterior-posterior axis.

Molecular Weight: 29 kDa

Gene ID: 15432

NCBI Accession: [NP_032300](#)

UniProt: [P23812](#)

Application Details

Application Notes: WB (M,R) 1:500-1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, 0.02 % 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

Western Blotting

Image 1. Western blot analysis of HOXD12 (ABIN7074252) at dilution of 1: 500

