Datasheet for ABIN7384076

anti-HOXD3 antibody

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Overview

Quantity:	60 µL
Target:	HOXD3
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXD3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human HOXD3 (NP_008829.3).
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	HOXD3
Alternative Name:	HOXD3 (HOXD3 Products)
Background:	HOXD3,HOX1D,HOX4,HOX4A,Hox-4.1,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

Target Details

	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 the regulation of cell adhesion processes.
Molecular Weight:	Observed_MW: 55 kDa Calculated_MW: 45 kDa
Gene ID:	3232
UniProt:	P31249

Application Details

Application Notes:	WB 1:200-1:2000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	Store at -20°C. Avoid freeze / thaw cycles.