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# Datasheet for ABIN7155757 anti-HOXD1 antibody (AA 59-131)

2 Images



### Overview

Quantity:	100 µg
Target:	HOXD1
Binding Specificity:	AA 59-131
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	Recombinant Human Homeobox protein Hox-D1 protein (59-131AA)
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

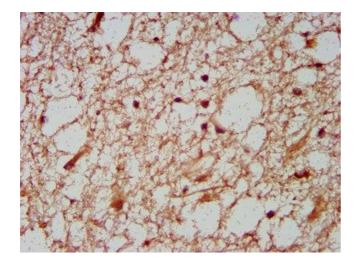
## Target Details

Target:	HOXD1
Alternative Name:	HOXD1 (HOXD1 Products)
Background:	Background: Sequence-specific transcription factor which is part of a developmental regulatory
	system that provides cells with specific positional identities on the anterior-posterior axis. Acts

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Target Details	
	on the anterior body structures.
	Aliases: homeo box 4G antibody, homeo box D1 antibody, Homeobox protein Hox D1 antibody,
	Homeobox protein Hox-D1 antibody, Homeobox protein Hox-GG antibody, HOX 4 antibody, HOX
	4G antibody, HOX D1 antibody, Hox-4.7 antibody, HOX4 antibody, Hox4.9 antibody, HOX4G
	antibody, hoxd1 antibody, HXD1_HUMAN antibody, OTTHUMP00000163336 antibody
UniProt:	Q9GZZ0
Application Details	
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

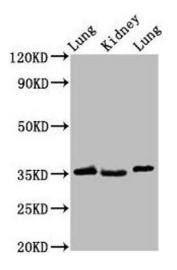
### Images



### Immunohistochemistry

**Image 1.** IHC image of ABIN7155757 diluted at 1:600 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and

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visualized using an HRP conjugated SP system.

#### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Rat lung tissue, Rat kidney tissue, Mouse lung tissue All lanes: HOXD1 antibody at  $2.4 \mu g/mL$  Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 35 kDa Observed band size: 35 kDa

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