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## Datasheet for ABIN7091191 anti-HAND2 antibody (AA 51-150) (Biotin)

### Overview

Quantity:	100 µL
Target:	HAND2
Binding Specificity:	AA 51-150
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAND2 antibody is conjugated to Biotin
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HAND2
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	HAND2
Alternative Name:	HAND2 ( <a href="#">HAND2 Products</a> )
Background:	Synonyms: DHAND 2, dHAND, DHAND2, Ehand 2, Ehand2, FLJ16260, HAND 2, Hand2,

## Target Details

autonomic nervous system and neural crest derivatives-expressed protein 2, heart, Basic helix loop helix transcription factor HAND2, bHLHa26, Class A basic helix-loop-helix protein 26, Deciduum, Deciduum heart autonomic nervous system and neural crest derivatives expressed protein 2 antibody HAND2\_HUMAN, Heart and neural crest derivatives expressed 2, Heart and neural crest derivatives expressed protein 2, heart and neural crest derivatives expressed transcript 2, Heart- and neural crest derivatives-expressed protein 2, Hed, Highly similar to dHAND M musculus, MGC125303, MGC125304, Th 2, Th2, Thing 2, Thing2.

Background: Essential for cardiac morphogenesis, particularly for the formation of the right ventricle and of the aortic arch arteries. Required for vascular development and regulation of angiogenesis, possibly through a VEGF signaling pathway. Plays also an important role in limb development, particularly in the establishment of anterior-posterior polarization, acting as an upstream regulator of sonic hedgehog (SHH) induction in the limb bud. Is involved in the development of branchial arches, which give rise to unique structures in the head and neck. Binds DNA on E-box consensus sequence 5'-CANNTG-3' (By similarity).

Gene ID:	9464
UniProt:	<a href="#">P61296</a>
Pathways:	<a href="#">Tube Formation</a> , <a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	IHC-P 1:200-400
Restrictions:	For Research Use only

## Handling

Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C for 12 months.

## Handling

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Expiry Date: 12 months