

Datasheet for ABIN927294  
**anti-HAND2 antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	HAND2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAND2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Hand2 antibody was raised in rabbit using the C terminal of Hand2 as the immunogen
Cross-Reactivity:	Mouse (Murine)
Purification:	Purified

## Target Details

Target:	HAND2
Alternative Name:	Hand2 ( <a href="#">HAND2 Products</a> )
Background:	Hand2 is essential for cardiac morphogenesis, particularly for the formation of the right ventricle and of the aortic arch arteries. It is required for vascular development and regulation of angiogenesis, possibly through a VEGF signaling pathway. It plays also an important role in limb development, particularly in the establishment of anterior-posterior polarization, acting as

## Target Details

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an upstream regulator of sonic hedgehog (SHH) induction in the limb bud. Hand2 is involved in the development of branchial arches, which give rise to unique structures in the head and neck. Synonyms: Polyclonal Hand2 antibody, Anti-Hand2 antibody, heart and neural crest derivatives expressed transcript 2 antibody, AI225906 antibody, AI661148 antibody, Ehand2 antibody, Hed antibody, Th2 antibody, Thing2 antibody, bHLHa26 antibody, dHAND antibody.

Pathways: [Tube Formation](#), [Feeding Behaviour](#)

## Application Details

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Application Notes: Optimal conditions should be determined by the investigator.

Comment: Hand2 Blocking Peptide, catalog no. 33R-2133, is also available for use as a blocking control in assays to test for specificity of this Hand2 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

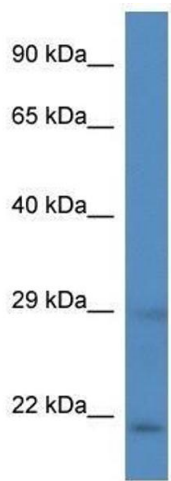
Concentration: Lot specific

Buffer: Lyophilized powder. Add 50  $\mu$ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



### Western Blotting

**Image 1.** Western Blot showing Hand2 antibody used at a concentration of 1.0 ug/ml against Mouse Heart Lysate