

Datasheet for ABIN969184
anti-HAND1 antibody (AA 90-190)[Go to Product page](#)

1 Image

2 Publications

Overview

Quantity:	100 µL
Target:	HAND1
Binding Specificity:	AA 90-190
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HAND1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Purified recombinant fragment of HAND1 (aa90-190) expressed in E. coli.
Clone:	8E7A11
Isotype:	IgG1
Purification:	purified

Target Details

Target:	HAND1
Alternative Name:	HAND1 (HAND1 Products)
Background:	Description: HAND1: heart and neural crest derivatives expressed 1. The protein encoded by this gene belongs to the basic helix-loop-helix family of transcription factors. This gene product

Target Details

is one of two closely related family members, the HAND proteins, which are asymmetrically expressed in the developing ventricular chambers and play an essential role in cardiac morphogenesis. Working in a complementary fashion, they function in the formation of the right ventricle and aortic arch arteries, implicating them as mediators of congenital heart disease. In addition, it has been suggested that this transcription factor may be required for early trophoblast differentiation.

Aliases: Hxt, eHand, Thing1, bHLHa27

Gene ID: 9421

HGNC: 9421

Pathways: [Tube Formation](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % 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.

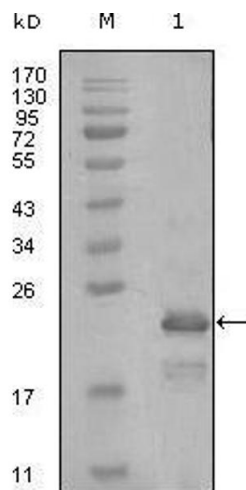
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

Publications

Product cited in: Mishra, Thakur, Somal, Parmar, Yadav, Bharati, Bharti, Paul, Verma, Chouhan, Sharma, Singh, González, DOcchio, Sarkar et al.: "Expression and localization of angiopoietin family in buffalo ovarian follicles during different stages of development and modulatory role of angiopoietins on steroidogenesis and survival of cultured ..." in: **Theriogenology**, Vol. 86, Issue 7, pp. 1818-33, (2016) ([PubMed](#)).

Mishra, Parmar, Yadav, Reshma, Bharati, Bharti, Paul, Chouhan, Taru Sharma, Singh, Sarkar et al.: "Expression and localization of angiopoietin family in corpus luteum during different stages of oestrous cycle and modulatory role of angiopoietins on steroidogenesis, angiogenesis and survivability ..." in: **Reproduction in domestic animals = Zuchthygiene**, Vol. 51, Issue 6, pp. 855-869, (2016) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis using HAND1 mouse mAb against truncated Trx-HAND1 recombinant protein (1).