

Datasheet for ABIN7154846
anti-HAND2 antibody (AA 1-217)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	HAND2
Binding Specificity:	AA 1-217
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAND2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Heart- and neural crest derivatives-expressed protein 2 protein (1-217AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	HAND2
Alternative Name:	HAND2 (HAND2 Products)
Background:	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

Target Details

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).

Aliases: AI225906 antibody, AI661148 antibody, autonomic nervous system and neural crest derivatives-expressed protein 2 antibody, Basic helix loop helix transcription factor HAND2 antibody, bHLHa26 antibody, Class A basic helix-loop-helix protein 26 antibody, Deciduum antibody, Deciduum heart autonomic nervous system and neural crest derivatives expressed protein 2 antibody, DHAND 2 antibody, dHAND antibody, DHAND2 antibody, Ehand 2 antibody, Ehand2 antibody, FLJ16260 antibody, HAND 2 antibody, Hand2 antibody, HAND2_HUMAN antibody, Heart and neural crest derivatives expressed 2 antibody, Heart and neural crest derivatives expressed protein 2 antibody, heart and neural crest derivatives expressed transcript 2 antibody, heart antibody, Heart- and neural crest derivatives-expressed protein 2 antibody, Hed antibody, Highly similar to dHAND M musculus antibody, MGC125303 antibody, MGC125304 antibody, Th 2 antibody, Th2 antibody, Thing 2 antibody, Thing2 antibody

UniProt: [P61296](#)

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

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

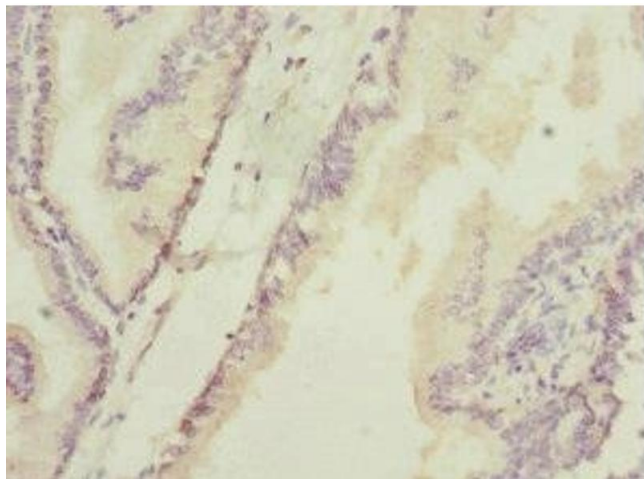
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

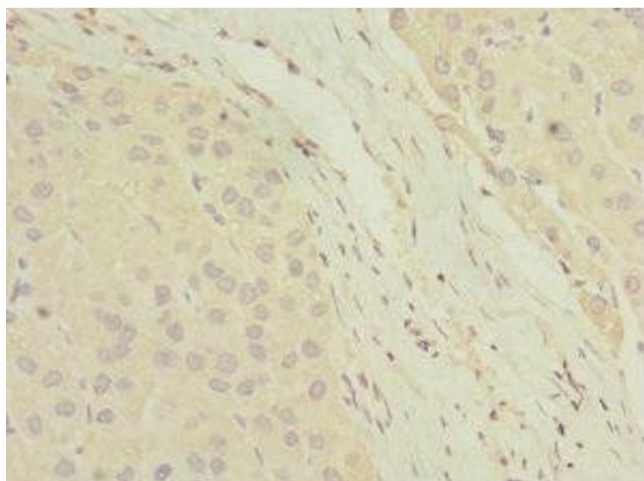
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human prostate cancer using ABIN7154846 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7154846 at dilution of 1:100