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Hand2 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10185

Product Information

Application	WB
Primary Accession	Q61039
Other Accession	NM_010402, NP_034532
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Dog, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23666

Additional Information

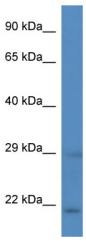
Gene ID	15111
Alias Symbol	AI225906, AI661148, Ehand2, Hed, Th2, Thing2, bHLHa26, dHAND
Other Names	Heart- and neural crest derivatives-expressed protein 2, Deciduum, heart, autonomic nervous system and neural crest derivatives-expressed protein 2, dHAND, Helix-loop-helix transcription factor expressed in embryo and deciduum, Thing-2, Hand2, Dhand, Hed, Thing2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Hand2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Hand2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

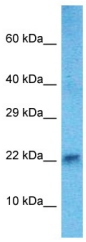
Name	Hand2
Synonyms	Dhand, Hed, Thing2
Function	Essential for cardiac morphogenesis, particularly for the formation of the right ventricle and of the aortic arch arteries. Required for vascular development and regulation of angiogenesis, possibly through a VEGF signaling pathway. Also plays an important 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'.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.
Tissue Location	Heart and aorta.

Images



WB Suggested Anti-Hand2 Antibody
Titration: 1. µg/ml
Positive Control: Mouse Heart



Host:Rabbit
Target Name:Hand2
Sample Tissue: Mouse Heart lysates
Antibody Dilution:1.µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.