

Anti-DHAND / HAND2 Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18622

Product Information

Application	WB, IHC-P, IF
Primary Accession	P61296
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	23666

Additional Information

Gene ID	9464
Alias Symbol	HAND2
Other Names	HAND2, DHand, DHAND2, Hed, Thing2, BHLHa26
Target/Specificity	Human DHAND / HAND2
Reconstitution & Storage	Affinity purified
Precautions	Anti-DHAND / HAND2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HAND2
Synonyms	BHLHA26, DHAND
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' (By similarity).
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00981}.
Tissue Location	Heart.

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