

Rabbit anti-Human, Mouse HAND2 Polyclonal Antibody | anti-HAND2 antibody

HAND2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280241	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

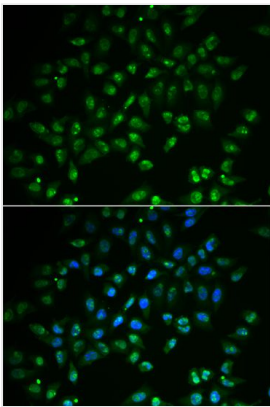
PRODUCT SYNONYMS

HAND2; Polyclonal Antibody; HAND2 Polyclonal Antibody; Hed; dHand; DHAND2; Thing2; bHLHa26; anti-HAND2 antibody

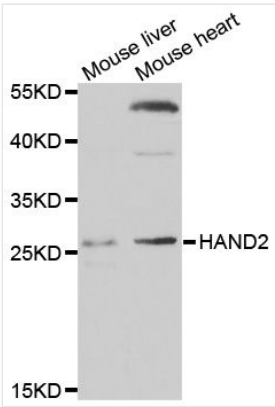
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	217
Applicable Applications for anti-HAND2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human HAND2
Calculated Molecular Weight	23kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells using HAND2 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using HAND2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-HAND2 antibody	The protein encoded by this gene belongs to the basic helix-loop-helix family of transcription factors. This gene product 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, this transcription factor plays an important role in limb and branchial arch development.
Product Categories/Family for anti-HAND2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	47117699
NCBI GeneID	9464
UniProt Accession #	P61296; O95300; O95301; P97833; Q494T1; B6ECG9
Molecular Weight	217
NCBI Official Full Name	Heart- and neural crest derivatives-expressed protein 2
NCBI Official Synonym Full Names	heart and neural crest derivatives expressed 2
NCBI Official Symbol	HAND2
NCBI Official Synonym Symbols	Hed; dHand; DHAND2; Thing2; bHLHa26
NCBI Protein Information	heart- and neural crest derivatives-expressed protein 2; class A basic helix-loop-helix protein 26; basic helix-loop-helix transcription factor HAND2; deciduum, heart, autonomic nervous system and neural crest derivatives-expressed protein 2
UniProt Protein Name	Heart- and neural crest derivatives-expressed protein 2
UniProt Gene Name	HAND2
UniProt Synonym Gene Names	BHLHA26; DHAND; bHLHa26; dHAND
UniProt Entry Name	HAND2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hand2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280241>