

Rabbit Hand2 Polyclonal Antibody | anti-HAND2 antibody

Hand2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197108	Rabbit	Tested Species Reactivity: Mouse Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish	Western Blot

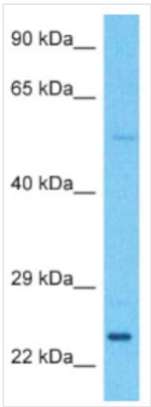
PRODUCT SYNONYMS

Hand2; Polyclonal Antibody; Hand2 antibody - C-terminal region; anti-HAND2 antibody

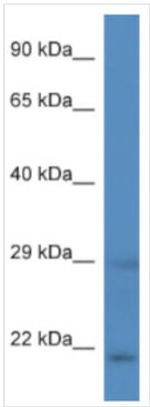
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Mouse Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide corresponding to the C-terminal region: DQ NGEAEAFKAE IKKTDVKEEK RKKELNEILK STVSSNDKKT KGRTGWLPQ
Sequence Length	217
Applicable Applications for anti-HAND2 antibody	WB (Western Blot)
Predicted Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 87%
Immunogen	The immunogen is a synthetic peptide corresponding to a region of Mouse
Protein Size (# AA)	217 amino acids
Protein Interactions	Nkx2-5; Hand1; Tcf3; Tcf4; Tcf12; Hoxd13; Twist1;
Blocking Peptide	For anti-Hand2 antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

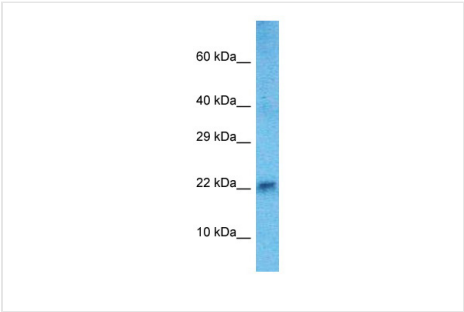
IMAGES



WB (Western Blot)
Host: RabbitTarget Name: HAND2Sample Tissue: Mouse TestisAntibody Dilution: 3ug/ml



WB (Western Blot)
WB Suggested Anti-Hand2 AntibodyTitration: 1.0 ug/mlPositive Control: Mouse Heart



WB (Western Blot)
Host: RabbitTarget Name: Hand2Sample Type: Mouse Heart lysatesAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-HAND2 antibody	This is a rabbit polyclonal antibody against Hand2. It was validated on Western Blot Target Description: Hand2 is essential for cardiac morphogenesis, particularly for the formation of the right ventricle and of the aortic arch arteries. It is required for vascular development and regulation of angiogenesis, possibly through a VEGF signaling pathway. It 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. Hand2 is involved in the development of branchial arches, which give rise to unique structures in the head and neck.
Product Categories/Family for anti-HAND2 antibody	Polyclonal; Transcription Regulation; Cardiovascular; Developmental Biology; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	157057164
NCBI GeneID	15111
NCBI Accession #	NP_034532
NCBI GenBank Nucleotide #	NM_010402
UniProt Accession #	Q61039
Molecular Weight	24kDa
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; Th2; dHAND; Ehand2; Thing2; bHLHa26; AI225906; AI661148
NCBI Protein Information	heart- 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	Dhand; Hed; Thing2; dHAND
UniProt Entry Name	HAND2_MOUSE

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-western-blot-elisa/197108>