

Rabbit anti-Human HAND1 Polyclonal Antibody | anti-HAND1 antibody

HAND1 Antibody

CATALOG # AAA309419	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

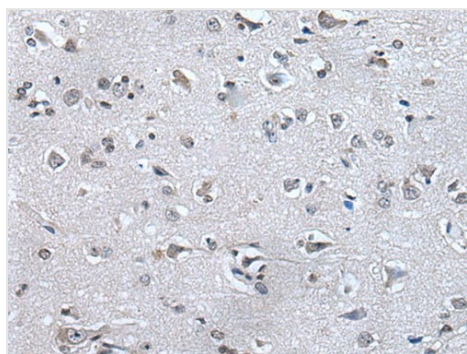
PRODUCT SYNONYMS

HAND1; Polyclonal Antibody; HAND1 Antibody; Hxt; eHand; Thing1; bHLHa27; anti-HAND1 antibody

PRODUCT SPECIFICATIONS

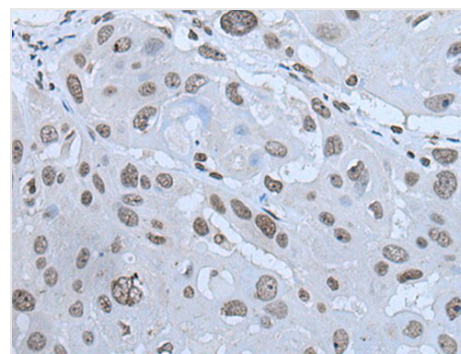
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total HAND1 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	215
Applicable Applications for anti-HAND1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human HAND1
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

IMAGES



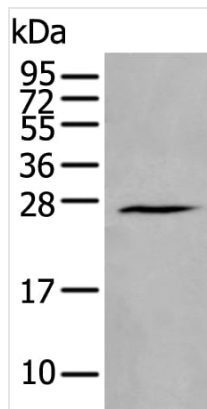
IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using HAND1 Antibody at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using HAND1 Antibody at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)



SDS-PAGE

Gel: 12%SDS-PAGE Lysate: 40 ug, Lane: Human fetal brain tissue lysate, Primary antibody:HAND1 antibody at dilution 1/400 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-HAND1 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, it has been suggested that this transcription factor may be required for early trophoblast differentiation.
Product Categories/Family for anti-HAND1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758506
NCBI GeneID	9421
NCBI Accession #	NP_004812.1
NCBI GenBank Nucleotide #	NM_004821.2
UniProt Accession #	O96004
Molecular Weight	23,627 Da
NCBI Official Full Name	heart- and neural crest derivatives-expressed protein 1
NCBI Official Synonym Full Names	heart and neural crest derivatives expressed 1
NCBI Official Symbol	HAND1
NCBI Official Synonym Symbols	Hxt; eHand; Thing1; bHLHa27
NCBI Protein Information	heart- and neural crest derivatives-expressed protein 1
UniProt Protein Name	Heart- and neural crest derivatives-expressed protein 1
UniProt Gene Name	HAND1
UniProt Synonym Gene Names	BHLHA27; EHAND; bHLHa27; eHAND
UniProt Entry Name	HAND1_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.

