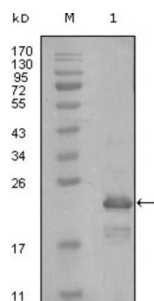


Heart And Neural Crest Derivatives Expressed Protein Protein 1 (HAND1) Antibody

Catalogue No.: abx011691



Western blot analysis using HAND1 antibody against truncated Trx-HAND1 recombinant protein (1).

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.

Target:	Heart And Neural Crest Derivatives Expressed Protein Protein 1 (HAND1)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of HAND1 (aa90-190) expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O96004 (UniProt , ExPASy)

Datasheet

Version: 3.0.0

Revision date: 28 May 2025



Gene Symbol: HAND1

GeneID: [9421](#)

OMIM: [602406](#)

HGNC: 4807

KEGG: hsa:9421

Ensembl: ENSG00000113196

String: [9606.ENSP00000231121](#)

Molecular Weight: 24 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only