

MaxPab®

# HAND1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009421-B01P      Size 500 ug

## Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HAND1 protein.
Immunogen	HAND1 (ABZ92217.1, 1 a.a. ~ 215 a.a) full-length human protein.
Sequence	MNLVGSYAHHHHHHPHPAHPMLHEPFLFGPASRCHQERPYPQSWLLSPADAAPDFPAGGPPP AAAAAATAYGPDARPGQSPGRLEALGGRLGRRKGSGPKKERRRTERINSFAELRECIPNVPAD TKLSKIKTLRLATSYIAYLMDVLAKDAQSGDPEAFKAELKKADGGRESKRKRELQQHEGFPPALG PVEKRIKGRTGWPQQVWALELNQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (93)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

## Gene Info — HAND1

Entrez GeneID [9421](#)

GeneBank Accession#	<a href="#">EU446688.1</a>
Protein Accession#	<a href="#">ABZ92217.1</a>
Gene Name	HAND1
Gene Alias	Hxt, Thing1, bHLHa27, eHand
Gene Description	heart and neural crest derivatives expressed 1
Omim ID	<a href="#">602406</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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. [provided by RefSeq]</p>
Other Designations	basic helix-loop-helix transcription factor HAND1

## Disease

- [Heart Septal Defects](#)