



# Anti-HAND2 polyclonal antibody (DPAB-DC2627)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	HAND2 (heart and neural crest derivatives expressed 2) is a protein-coding gene. Diseases associated with HAND2 include saethre-chotzen syndrome, and split hand, and among its related super-pathways are Signaling Involved in Cardiac Hypertrophy. GO annotations related to this gene include protein homodimerization activity and transcription factor binding. An important paralog of this gene is NHLH1.
<b>Immunogen</b>	A synthetic peptide corresponding to zebrafish hand2. The sequence is C-NDKKTKGRTGWPQH
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Zebrafish
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">hand2 heart and neural crest derivatives expressed 2 [ Danio rerio (zebrafish) ]</a>
<b>Official Symbol</b>	HAND2
<b>Synonyms</b>	HAND2; heart and neural crest derivatives expressed 2; dhand; zdHAND; zgc:103415; heart-and neural crest derivatives-expressed protein 2; han; hands off; heart and neural crest derivatives expressed transcript 2; deciduum, heart, autonomic nervous system and neural crest derivatives-expressed protein 2;

<b>Entrez Gene ID</b>	<a href="#">58150</a>
<b>mRNA Refseq</b>	<a href="#">NM_131626</a>
<b>Protein Refseq</b>	<a href="#">NP_571701</a>
<b>UniProt ID</b>	<a href="#">Q5XJD8</a>
<b>Chromosome Location</b>	chromosome: 1
<b>Function</b>	DNA binding; protein dimerization activity;