



# Anti-GDF5 (aa 28-41) polyclonal antibody (DPABH-05345)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Could be involved in bone and cartilage formation. Chondrogenic signaling is mediated by the high-affinity receptor BMPR1B.
<b>Immunogen</b>	Synthetic peptide: APDLGQRPQGTRPG conjugated to KLH, corresponding to amino acids 28-41 of Human GDF 5 (NP_000548.1).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Constituent: 99% PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">GDF5 growth differentiation factor 6 [ Homo sapiens ]</a>
<b>Official Symbol</b>	GDF5
<b>Synonyms</b>	GDF5; growth differentiation factor 5; OS5; LAP4; BDA1C; BMP14; CDMP1; LAP-4; SYM1B; SYNS2; BMP-14; growth/differentiation factor 5; CDMP-1; radotermis; LPS-associated protein 4; bone morphogenetic protein 14; lipopolysaccharide-associated protein 4; cartilage-derived morphogenetic protein-1;
<b>Entrez Gene ID</b>	<a href="#">8200</a>
<b>Protein Refseq</b>	<a href="#">NP_000548.2</a>
<b>UniProt ID</b>	<a href="#">F1T0J1</a>
<b>Pathway</b>	Cytokine-cytokine receptor interaction; Elastic fibre formation; Hippo signaling pathway; Molecules associated with elastic fibres
<b>Function</b>	cytokine activity; growth factor activity; protein binding;