

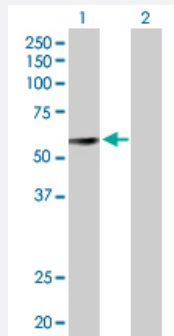
MaxPab®

GDF10 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002662-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GDF10 expression in transfected 293T cell line ([H00002662-T01](#)) by GDF10 MaxPab polyclonal antibody.

Lane1:GDF10 transfected lysate(52.58 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GDF10 protein.
Immunogen	GDF10 (NP_004953, 1 a.a. ~ 478 a.a) full-length human protein.
Sequence	MAHVPARTSPGPGPQLLLLLLPLFLLLLRDVAGSHRAPAWSALPAAADGLQGDRDLQRHPGDA AATLGPSAQDMVAVHMHRLYEKYSRQGARGGGNTVRSFRARLEVVDQKAVYFFNLTSMQDSE MILTATFHFYSEPPRWPRALEVLCKPRAKNASGRPLPLGPPTQRHLLFRSLSQNTATQGLLRGAM ALAPPPRGLWQAKDISPDKAARRDGELLLSAQLDSEERDPGVPRPSPYAPYILVYANDLAISEPN SVAVTLQRYDPFPAGDPEPRAAPNNSADPRVRRAAQATGPLQDNELPGLDERPPRAHAQHFK HQLWPSPFRALKPRPGRKDRKKGQEVFMAASQVLDLDFDEKTMQKARRKQWDEPRVCSRRYLK VDFADIGWNEWISPKSFDAYYCAGACEFPMPKIVRPSNHATIQSIVRAVGIIPIPECCVPDKMNS LGVLFLENRNVLKVYPNMSVDTCACR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (85)
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.

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[Protocol Download](#)

Gene Info — GDF10

Entrez GeneID[2662](#)**GeneBank Accession#**[NM_004962](#)**Protein Accession#**[NP_004953](#)**Gene Name**

GDF10

Gene Alias

BMP-3b, BMP3B

Gene Description

growth differentiation factor 10

Omim ID[601361](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in mice suggest that the protein encoded by this gene plays a role in skeletal morphogenesis. [provided by RefSeq]

Other Designations

OTTHUMP00000019534|bone morphogenetic protein 3B

Publication Reference

- [Loss of GDF10/BMP3b as a prognostic marker collaborates with TGFB \$\beta\$ 3 to enhance chemotherapy resistance and epithelial-mesenchymal transition in oral squamous cell carcinoma.](#)

Cheng CW, Hsiao JR, Fan CC, Lo YK, Tzen CY, Wu LW, Fang WY, Cheng AJ, Chen CH, Chang IS, Jiang SS, Chang JY, Lee AY.

Molecular Carcinogenesis 2016 May; 55(5):499.

Application: IHC-P, WB, WB-Tr, Human, Oral squamous cell carcinoma, CGHNC2, CGK6, HOK, HSC-3, OEC-M1, FADU, YD-15, SCC-4, SCC-9, SCC-15, SCC-25, OC3 cells

Disease

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