

GDF10 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58299

Specification

GDF10 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	P55107
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53122

GDF10 Polyclonal Antibody - Additional Information

Gene ID 2662

Other Names

Growth/differentiation factor 10, GDF-10, Bone morphogenetic protein 3B, BMP-3B, Bone-inducing protein, BIP, GDF10 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=4215), BMP3B

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

GDF10 Polyclonal Antibody - Protein Information

Name GDF10 ([HGNC:4215](#))

Synonyms BMP3B

Function

Growth factor involved in osteogenesis and adipogenesis. Plays an inhibitory role in the process of osteoblast differentiation via SMAD2/3 pathway. Plays an inhibitory role in the process of adipogenesis.

Cellular Location

Secreted {ECO:0000250|UniProtKB:P97737}.

Tissue Location

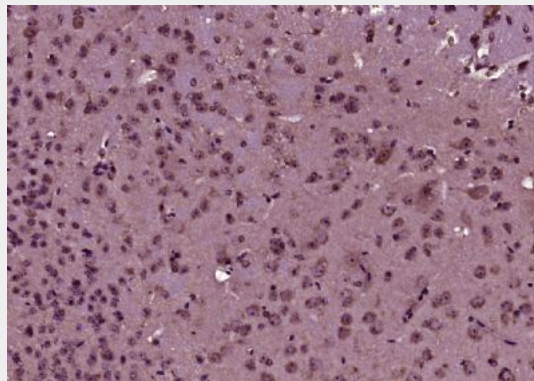
Expressed in femur, brain, lung, skeletal muscle, pancreas and testis.

GDF10 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GDF10 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GDF10) Polyclonal Antibody, Unconjugated (bs-5720R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.