



Rabbit Anti-GDF10 antibody

SL5720R

Product Name:	GDF10
Chinese Name:	生长分化因子10抗体
Alias:	BIP; BMP 3b; BMP3B; Bone inducing protein; Bone morphogenetic protein 3b; GDF 10; GDF-10; growth differentiation factor 10; BMP3B_HUMAN; Bone-inducing protein; Growth/differentiation factor 10.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Horse,Guinea Pig,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	12kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GDF10:371-478/478
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	GDF10, or growth differentiation factor 10, 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. GDF10 is expressed in femur, brain, lung, skeletal muscle, pancreas and testis.

Subcellular Location:

Secreted.

Tissue Specificity:

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

Similarity:

Belongs to the TGF-beta family.

SWISS:

P55107

Gene ID:

2662

Database links:

[Entrez Gene: 2662](#)Human

[Entrez Gene: 14560](#)Mouse

[GenBank: NM_004962](#)Human

[Omim: 601361](#)Human

[SwissProt: P55107](#)Human

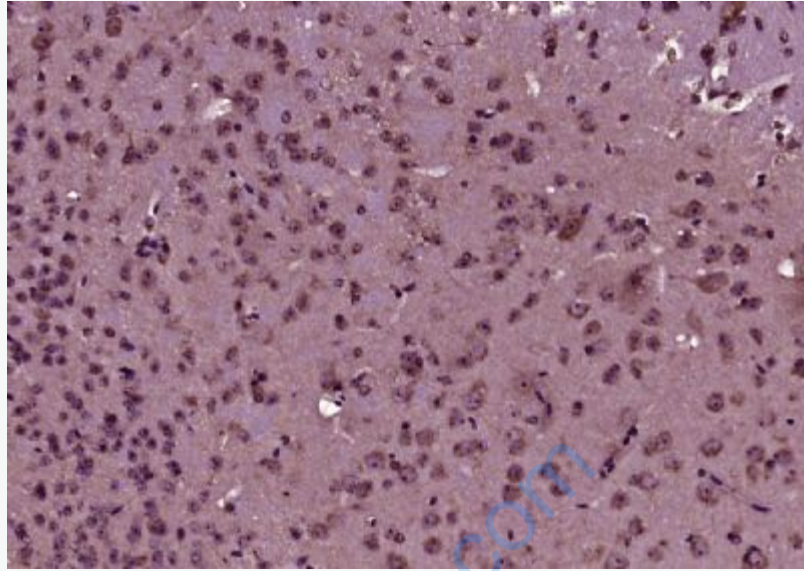
[SwissProt: P97737](#)Mouse

[Unigene: 2171](#)Human

[Unigene: 432071](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

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 (SL5720R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.