

GDF10 Rabbit pAb

Catalog Number: bs-5720R

Target Protein: GDF10

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Mouse, Rat (predicted:Human, Pig, GuineaPig, Horse)

Predicted MW: 12/53 kDa

Entrez Gene: 2662

Swiss Prot: P55107

Source: KLH conjugated synthetic peptide derived from human GDF10: 371-478/478.

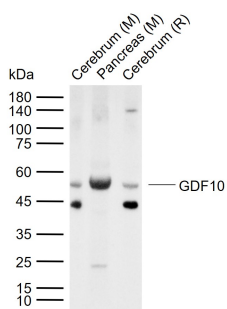
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

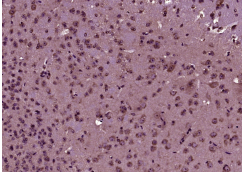
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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.

VALIDATION IMAGES



Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Mouse Pancreas tissue lysates Lane 3: Rat Cerebrum tissue lysates Primary: Anti-GDF10 (bs-5720R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 12 kDa Observed band size: 53 kDa



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.

PRODUCT SPECIFIC PUBLICATIONS

[IF=15.266] Armaka, Marietta. et al. Single-cell multimodal analysis identifies common regulatory programs in synovial fibroblasts of rheumatoid arthritis patients and modeled TNF-driven arthritis. GENOME MED. 2022 Dec;14(1):1-25 IF ; Mouse . 35879783