
GATA4 Rabbit pAb

Catalog Number: bs-23983R

Target Protein: GATA4

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse (predicted:Human, Rat, Rabbit)

Predicted MW: 49 kDa

Entrez Gene: 2626

Swiss Prot: P43694

Source: KLH conjugated synthetic peptide derived from human GATA4 : 351-442/442.

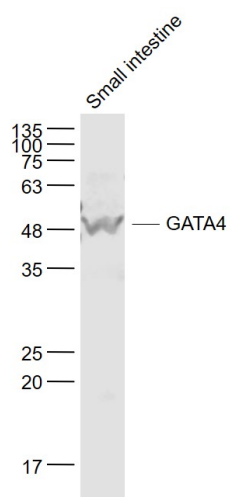
Purification: affinity purified by Protein A

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: GATA4 is a 46 kDa member of the GATA family of zinc finger containing transcription factors that is involved in the development of cardiac hypertrophy and remodeling, and plays a critical role in regulating basal and agonist or stress induced gene expression in cardiac and smooth muscle cell types. GATA4 contains a conserved MAPK phosphorylation site at serine 105 within the transcriptional activation domain. Serine 105 of GATA4 is phosphorylated in response to agonist stimulation through MEK 1 ERK1 / 2, and weakly through JNK or p38 MAPKs.

VALIDATION IMAGES



Sample: Small intestine (Mouse) Lysate at 40 ug Primary: Anti- GATA4 (bs-23983R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 49 kD Observed band size: 49 kD