

For Research Use Only

GATA4-Specific Polyclonal antibody

Catalog Number: 19530-1-AP

Featured Product

38 Publications



Basic Information

Catalog Number:

19530-1-AP

Concentration:

850 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002052

GeneID (NCBI):

2626

UNIPROT ID:

P43694

Full Name:

GATA binding protein 4

Calculated MW:

45 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP, ChIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat, pig, monkey

Positive Controls:

WB : HepG2 cells, mouse liver tissue, mouse heart tissue, rat heart tissue, PC-3 cells, NIH/3T3 cells

Background Information

GATA4 is a transcriptional activator. GATA4 binds to the consensus sequence 5'-AGATAG-3'. GATA4 acts as a transcriptional activator of ANF in cooperation with NKX2-5. Mutation of GATA4 will cause the atrial septal defect type 2 (ASD2). The antibody is specific to GATA4.

Notable Publications

Author	Pubmed ID	Journal	Application
Fang Guo	32951004	Cell Death Dis	IF
Jie Shen	36085540	Hum Cell	IF
LinXi Cheng	34489520	Commun Biol	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

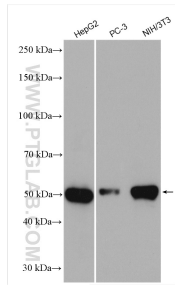
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19530-1-AP (GATA4-Specific antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.