

For Research Use Only

GATA4-Specific Polyclonal antibody



Catalog Number: 19530-1-AP

Featured Product

34 Publications

Basic Information

Catalog Number: 19530-1-AP	GenBank Accession Number: NM_002052	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 µg/ml by Nanodrop;	GeneID (NCBI): 2626	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	Full Name: GATA binding protein 4	
Isotype: IgG	Calculated MW: 45 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, mouse liver tissue, mouse heart tissue, rat heart tissue, PC-3 cells, NIH/3T3 cells
Cited Applications: ChiP, CoIP, IF, IHC, IP, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, rat, mouse, monkey, pig	

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

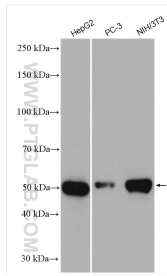
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.