

For Research Use Only

HIC2 Polyclonal antibody

Catalog Number: 22788-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 22788-1-AP	GenBank Accession Number: BC094787	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23119	Recommended Dilutions: WB 1:200-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: hypermethylated in cancer 2	
Isotype: IgG	Calculated MW: 615 aa, 66 kDa	
Immunogen Catalog Number: AG18789	Observed MW: 66 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: Jurkat cells, IP: Jurkat cells,
Species Specificity: human	
Cited Species: human	

Background Information

HIC2 (hypermethylated in cancer 2) is a transcription factor related to the tumour suppressor HIC1, required for normal cardiac development and lost in distal variants of 22q11 Deletion Syndrome (PMID: 29061339). HIC2 is also a POK family protein, and the amino acid sequence of its BTB/POZ and zinc-finger domains are similar to those of HIC1 (PMID: 31127867). Studies have shown that HIC2 plays a role in suppressing fetal genes for normal development of the heart and circulatory system, in embryogenesis (PMID: 24748541).

Notable Publications

Author	Pubmed ID	Journal	Application
Mohamed S A Gaballah	36119841	Am J Cancer Res	WB
Peng Huang	35941187	Nat Genet	WB

Storage

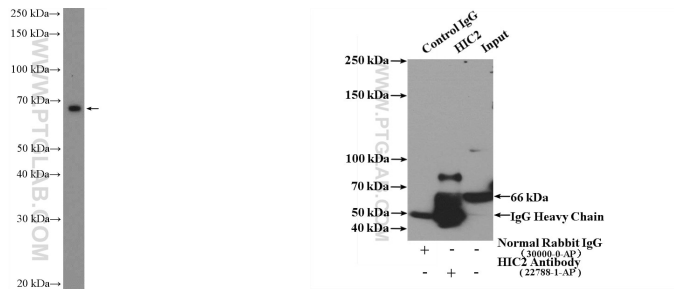
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



Jurkat cells were subjected to SDS PAGE followed by western blot with 22788-1-AP (HIC2 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.

IP Result of anti-HIC2 (IP:22788-1-AP, 4ug; Detection:22788-1-AP 1:300) with Jurkat cells lysate 2400ug.