

For Research Use Only

HIC2 Polyclonal antibody

Catalog Number: 22788-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

22788-1-AP

Size:

150ul, Concentration: 613 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18789

GenBank Accession Number:

BC094787

GeneID (NCBI):

23119

UNIPROT ID:

Q96JB3

Full Name:

hypermethylated in cancer 2

Calculated MW:

615 aa, 66 kDa

Observed MW:

66 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB: Jurkat cells,

IP: Jurkat cells,

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
Peng Huang	38364109	Blood	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

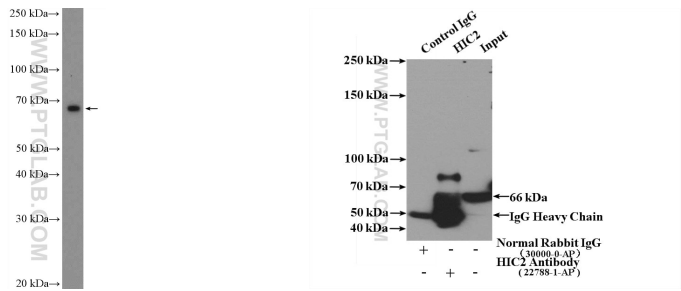
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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.