

HEBP2 Polyclonal antibody

Catalog Number: 12706-1-AP

1 Publications

Basic Information

Catalog Number:

12706-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3387

GenBank Accession Number:

BC008205

GeneID (NCBI):

23593

UNIPROT ID:

Q9Y5Z4

Full Name:

heme binding protein 2

Calculated MW:

23 kDa

Observed MW:

23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2400

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

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : human brain tissue, human kidney tissue

IP : HEK-293 cells,

Background Information

HEBP2 (Heme-binding protein 2), also named SOUL and C6orf34, can promote mitochondrial permeability transition and facilitate necrotic cell death under different types of stress conditions (PMID: 17098234). It is a 23 kDa haem-binding protein that was first identified as the PP23 protein isolated from human full-term placentas. hEBP2 is essential for the proliferation of human cells and the repression of hEBP2 severely decreases the ability of EBNA1 and EBV-based plasmids to bind mitotic chromosomes (PMID: 15923612).

Notable Publications

Author	Pubmed ID	Journal	Application
BiKang Yang	38554571	Transl Oncol	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

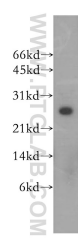
For technical support and original validation data for this product please contact:

T: 4006900926

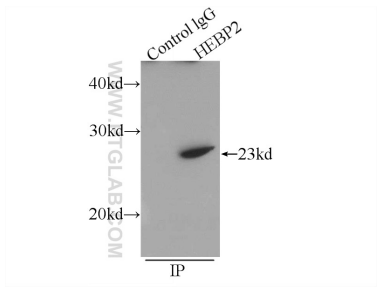
E: Proteintech-CN@ptglab.comW: ptgcn.com

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Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 12706-1-AP (HEBP2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-HEBP2 (IP:12706-1-AP, 3ug; Detection:12706-1-AP 1:500) with HEK-293 cells lysate 2400ug.