

For Research Use Only

HEBP2 Polyclonal antibody

Catalog Number: 12706-1-AP



Basic Information

Catalog Number: 12706-1-AP	GenBank Accession Number: BC008205	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 160 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23593	Recommended Dilutions: WB 1:500-1:2400 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: heme binding protein 2	
Isotype: IgG	Calculated MW: 23 kDa	
Immunogen Catalog Number: AG3387	Observed MW: 23 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	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).

Storage

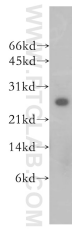
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

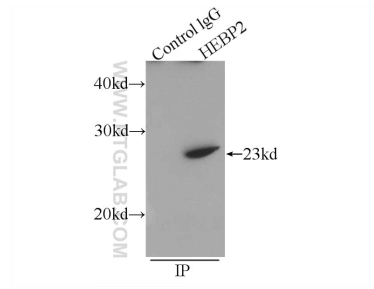
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.