

HBP1 Polyclonal Antibody

Catalog number: 11746-1-AP

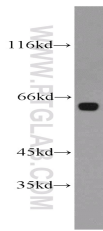
Size: 14 µg/150 µl

Source: Rabbit

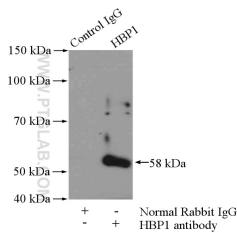
Isotype: IgG

Synonyms:

HBP1; FLJ16340, HBP1, HMG box containing protein 1, HMG box transcription factor 1



human brain tissue were subjected to SDS PAGE followed by western blot with 11746-1-AP(HBP1 antibody) at dilution of 1:1000



IP Result of anti-HBP1 (IP:11746-1-AP, 4µg; Detection:11746-1-AP 1:500) with mouse brain tissue lysate 4000µg.

Background

HMG-box protein 1 (HBP1) is a transcriptional repressor, and has a role in cell cycle progression and tumor suppression. Also it's a repressor of the cyclin D1 gene and inhibits the Wnt signaling pathway. Interaction with RB1 enhances it's binding to the H1F0 promoter . Disrupts the interaction between DNA and TCF4. This is a rabbit polyclonal antibody raised against part of C-terminus of HBP1 of human origin.

Applications

Tested applications:	ELISA, WB, IP
Cited applications:	ChIP, WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Human
Calculated HBP1 MW:	514aa,58 kDa
Observed HBP1 MW:	58 kDa
Positive WB detected in	Human brain tissue
Positive IP detected in	Mouse brain tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2342
GenBank accession number:	BC022329
Gene ID (NCBI):	26959
Full name:	HMG-box transcription factor 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.