

For Research Use Only

ZBTB20 Polyclonal antibody

Catalog Number: 23987-1-AP **6 Publications**



Basic Information

Catalog Number: 23987-1-AP	GenBank Accession Number: BC029041	Purification Method: Antigen Affinity purified
Size: 450 µg/ml	GeneID (NCBI): 26137	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9HC78	
Isotype: IgG	Full Name: zinc finger and BTB domain containing 20	
Immunogen Catalog Number: AG21140	Calculated MW: 668 aa, 73 kDa	
	Observed MW: 73 kDa	

Applications

Tested Applications:

IF-P, IHC, WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HepG2 cells, HEK-293 cells, Jurkat cells, L02 cells, mouse brain tissue, mouse liver tissue, RAW 264.7 cells, rat liver tissue

IHC: human kidney tissue,

IF: mouse brain tissue,

Background Information

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZBTB20 (zinc finger and BTB domain containing 20), also known as HOF, DPZF, ODA-85 or ZNF288, is a 741 amino acid protein that localizes to the nucleus and contains one BTB (POZ) domain and five C2H2-type zinc fingers. Expressed in thymus, spleen, lymph node and fetal liver, ZBTB20 exists as either a monomer or a homodimer that is thought to function as a transcription factor, playing a role in hematopoiesis, oncogenesis and immune responses. Multiple isoforms of ZBTB20 exist due to alternative splicing events.

Notable Publications

Author	Pubmed ID	Journal	Application
Justin L Tosh	29062914	Wellcome Open Res	WB
Yu Jin	34824542	J Inflamm Res	WB,IHC
Bo Pan	36335997	Brain Res	WB,IHC

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:

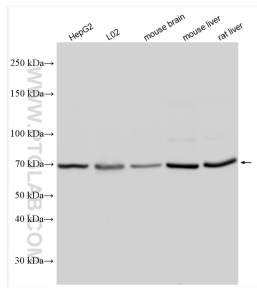
T: 4006900926

E: Proteintech-CN@ptglab.com

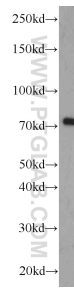
W: ptgcn.com

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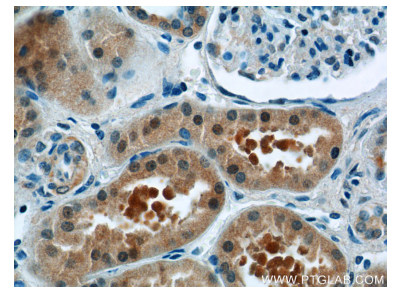
Selected Validation Data



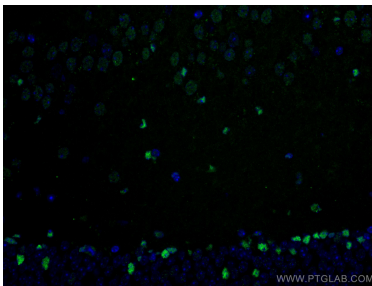
Various lysates were subjected to SDS PAGE followed by western blot with 23987-1-AP (ZBTB20 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



L02 cells were subjected to SDS PAGE followed by western blot with 23987-1-AP (ZBTB20 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 23987-1-AP (ZBTB20 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using ZBTB20 antibody (23987-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).