

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: 150ul, Concentration: 300 µg/ml by Nanodrop and 167 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 26137 | Recommended Dilutions: WB 1:2000-1:10000 IHC 1:20-1:200 IF 1:50-1:500 |
| Source: Rabbit | Full Name: zinc finger and BTB domain containing 20 | |
| Isotype: IgG | Calculated MW: 668 aa, 73 kDa | |
| Immunogen Catalog Number: AG21140 | Observed MW: 73 kDa | |

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat

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-8S 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

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

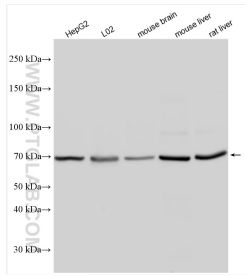
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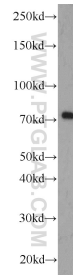
E: proteintech@ptglab.com
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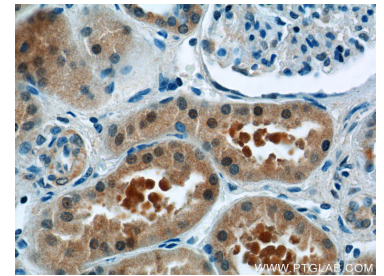
Selected Validation Data



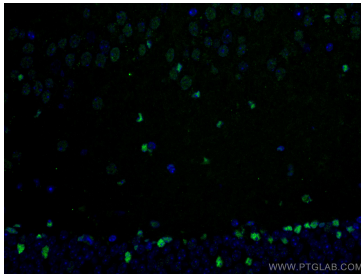
Various lysates were subjected to SDS PAGE followed by western blot with 23987-1-AP (ZBTB20 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).