

For Research Use Only

# ZBTB32 Polyclonal antibody

Catalog Number: 12516-1-AP



## Basic Information

<b>Catalog Number:</b> 12516-1-AP	<b>GenBank Accession Number:</b> BC017700	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 550 µg/ml	<b>GeneID (NCBI):</b> 27033	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:200-1:1000 IF 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y2Y4	
<b>Isotype:</b> IgG	<b>Full Name:</b> zinc finger and BTB domain containing 32	
<b>Immunogen Catalog Number:</b> AG3199	<b>Calculated MW:</b> 487 aa, 53 kDa	
	<b>Observed MW:</b> 53 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, IHC, ELISA

**Species Specificity:**  
human, mouse, rat, pig

**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:** mouse spleen tissue, rat spleen tissue, pig lymph node tissue

**IHC:** mouse testis tissue,

**IF:** MCF-7 cells,

## Background Information

The zinc finger and BTB domain containing 32 (ZBTB32) protein, also known as testis zinc finger protein (TZFP) or repressor of GATA (ROG), is a transcription factor belonging to the BTB/POZ-ZF protein family. It is encoded by the Zbtb32 gene, located on proximal chromosome 7 in the mouse genome. ZBTB32 was shown to ensure proper regulation of meiosis during spermatogenesis by acting as a repressor of the androgen receptor (PMID: 22851713, 34337361).

## 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:

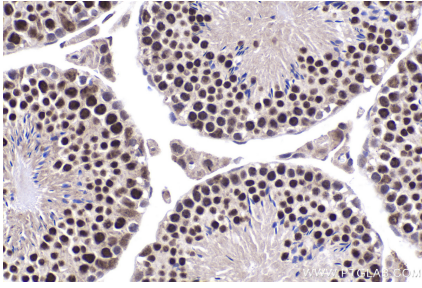
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

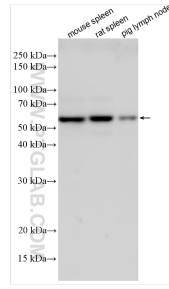
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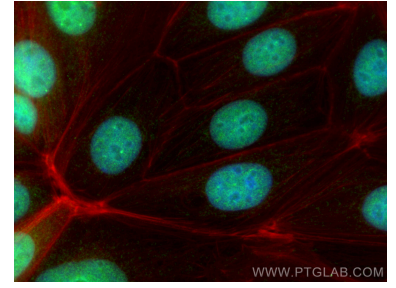
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 12516-1-AP (ZBTB32 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 12516-1-AP (ZBTB32 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using ZBTB32 antibody (12516-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), 21738-1-AP 00069062 (red).