

For Research Use Only

ZBTB32 Polyclonal antibody

Catalog Number: 12516-1-AP



Basic Information

Catalog Number: 12516-1-AP	GenBank Accession Number: BC017700	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 27033	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q9Y2Y4	IHC 1:200-1:1000
Isotype: IgG	Full Name: zinc finger and BTB domain containing 32	IF/ICC 1:200-1:800
Immunogen Catalog Number: AG3199	Calculated MW: 487 aa, 53 kDa	
	Observed MW: 53 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat, pig	WB : mouse spleen tissue, rat spleen tissue, pig lymph node tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse testis tissue,
	IF/ICC : 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

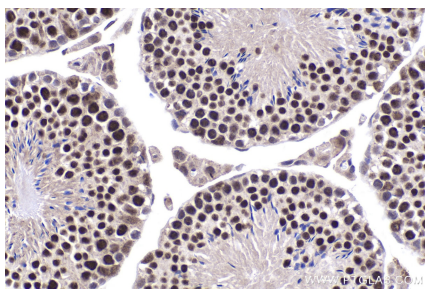
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

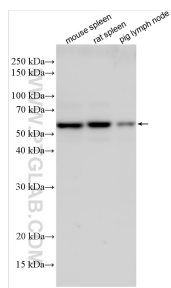
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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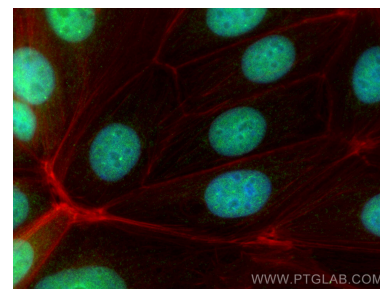
Selected Validation Data



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 Goat Anti-Rabbit IgG(H+L), 21738-1-AP 00069062 (red).