

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: 550 µg/ml	GeneID (NCBI): 27033	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q9Y2Y4	IHC 1:200-1:1000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: zinc finger and BTB domain containing 32	
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,

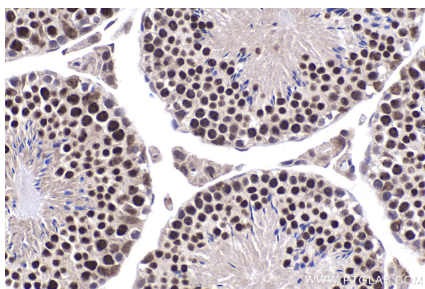
Background Information

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).

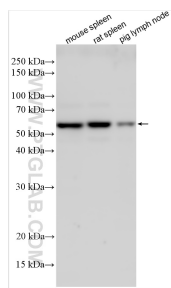
Storage

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

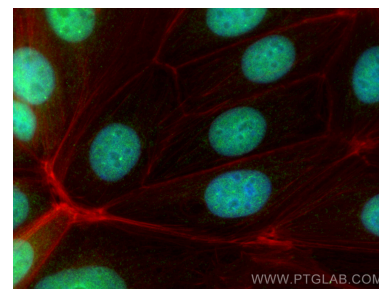
Selected Validation Data



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).