

For Research Use Only

ZSCAN2 Polyclonal antibody

Catalog Number: 32581-1-AP



Basic Information

Catalog Number: 32581-1-AP	GenBank Accession Number: BC136342	Purification Method: Antigen affinity Purification
Concentration: 650 ug/ml	GeneID (NCBI): 54993	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q7Z7L9	
Isotype: IgG	Full Name: zinc finger and SCAN domain containing 2	
Immunogen Catalog Number: AG38126	Calculated MW: 70 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : SH-SY5Y cells,
Species Specificity: human	

Background Information

Zinc finger and SCAN domain-containing protein 2 (ZSCAN2, also known as ZFP29 and ZNF854) plays an important role in the maintenance of the SSC (spermatogonial stem cells) pool in vitro and is integral for robust regeneration of spermatogenesis in vivo following exposure to clastogens. Loss of ZSCAN2 expression alters key cellular processes in undifferentiated spermatogonia, such as translation, chromatin modification, and ubiquitin conjugation (PMID: 35244684).

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:

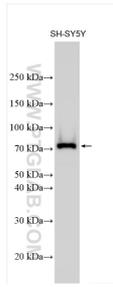
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32581-1-AP (ZSCAN2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.