

For Research Use Only

ZSCAN1 Polyclonal antibody

Catalog Number: 32583-1-AP



Basic Information

Catalog Number:

32583-1-AP

Concentration:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37955

GenBank Accession Number:

NM_182572

GeneID (NCBI):

284312

UNIPROT ID:

Q8NBB4

Full Name:

zinc finger and SCAN domain
containing 1

Calculated MW:

408 aa, 45 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : rat testis tissue, mouse testis tissue, MDA-MB-231 cells

Background Information

ZSCAN1 is a transcription factor containing a zinc finger domain and a SCAN domain. ZSCAN1 has been implicated in diverse biological processes. It has been shown to act as a stemness-related tumor suppressor and transcriptional repressor in breast cancer, targeting TAZ to influence cancer progression. Additionally, ZSCAN1 is involved in early embryonic development, where it helps regulate the expression of genes necessary for proper embryogenesis. It also plays a role in the immune response, with anti-ZSCAN1 autoantibodies being identified as potential diagnostic markers for certain syndromes like ROHHAD (PMID: 38339072). According to Human Protein Atlas database, ZSCAN1 is mainly expressed in brain, pituitary gland and testis tissue.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

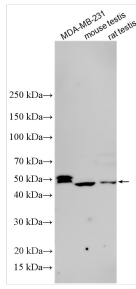
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32583-1-AP (ZSCAN1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.