

For Research Use Only

CASZ1 Polyclonal antibody

Catalog Number: 14534-1-AP



Basic Information

Catalog Number: 14534-1-AP	GenBank Accession Number: BC051883	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54897	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q86V15	
Isotype: IgG	Full Name: castor zinc finger 1	
Immunogen Catalog Number: AG6035	Calculated MW: 190 kDa	
	Observed MW: 150 kDa, 250 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : SMMC-7721 cells, C2C12 cells
Species Specificity: human, mouse	

Background Information

Zinc finger protein castor homolog 1 (CASZ1), also known as zinc finger protein 693 (ZNF693), belongs to the C2H2-type zinc finger protein family. CASZ1 is a transcription factor that is evolutionarily conserved and participates in multiple embryonic development and physiological processes. CASZ1 has been found to regulate aldosterone synthesis and repress the activation of aldosterone target genes, suggesting that it may participate in blood pressure regulation. CASZ1 is ubiquitously expressed in various embryonic tissues. Subcellularly, CASZ1 is usually localized in the cell nucleus, consistent with its role in transcription regulation (PMID: 37509718). CASZ1 has two isoforms namely CASZ1a (i.e., hcasz11, 190 kDa) and CASZ1b (i.e., hcasz5, 125 kDa). The observed molecular weights were 150 kDa and 250 kDa, respectively, consistent with descriptions in the literature (PMID: 32060262).

Storage

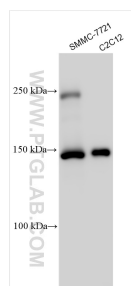
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



Various lysates were subjected to SDS PAGE followed by western blot with 14534-1-AP (CASZ1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.