

For Research Use Only

CHSY3 Polyclonal antibody

Catalog Number: 24444-1-AP



Basic Information

Catalog Number: 24444-1-AP	GenBank Accession Number: BC137325	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 370 ug/ml by Nanodrop;	GeneID (NCBI): 337876	Recommended Dilutions: WB: 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q70JA7	
Isotype: IgG	Full Name: chondroitin sulfate synthase 3	
Immunogen Catalog Number: AG19641	Calculated MW: 882 aa, 100 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, Calu-1 cells
Species Specificity: human	

Background Information

CHSY3 is a Golgi-localized chondroitin sulfate synthase that controls glycosaminoglycan chain elongation on extracellular matrix proteoglycans. By regulating chondroitin sulfate structure, CHSY3 influences matrix organization, growth factor signaling, and tissue mechanics. Its dysregulation is implicated in cartilage pathology, pulmonary remodeling, and cancer progression, highlighting CHSY3 as a key enzymatic regulator of extracellular matrix biology.

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

*** 20ul sizes contain 0.1% BSA

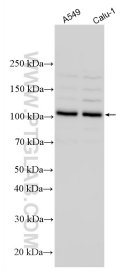
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24444-1-AP (CHSY3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.