

For Research Use Only

CHSY3 Polyclonal antibody

Catalog Number: 24444-1-AP



Basic Information

Catalog Number:

24444-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19641

GenBank Accession Number:

BC137325

GeneID (NCBI):

337876

UNIPROT ID:

Q70JA7

Full Name:

chondroitin sulfate synthase 3

Calculated MW:

882 aa, 100 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: A549 cells, Calu-1 cells

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

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

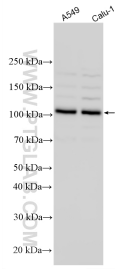
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 24444-1-AP (CHSY3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.