

For Research Use Only

Decorin Recombinant antibody

Catalog Number: 85737-4-RR



Basic Information

Catalog Number:

85737-4-RR

Concentration:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2955

GenBank Accession Number:

NM_001190451.2

GeneID (NCBI):

13179

UNIPROT ID:

P28654

Full Name:

decorin

Calculated MW:

40 kDa

Observed MW:

45-100 kDa

Purification Method:

Protein A purification

CloneNo.:

250099C3

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : mouse skin tissue, mouse uterus tissue, mouse heart tissue, mouse colon tissue, rat colon tissue, rat uterus tissue

Background Information

Decorin is a member of the small leucine-rich proteoglycan family of proteins. Decorin interacts with type I collagen fibrils, thereby influencing the kinetics of fibril formation and the distance between adjacent collagen fibrils. The binding of this protein to multiple cell surface receptors mediates its role in tumor suppression, including a stimulatory effect on autophagy and inflammation and an inhibitory effect on angiogenesis and tumorigenesis. Decorin (~ 40 kDa) also binds glycosaminoglycan chains to form big molecules.

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:

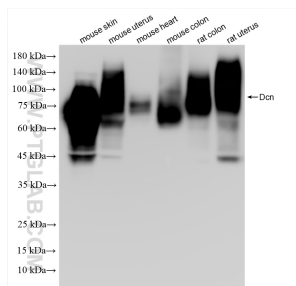
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Tissue were subjected to SDS PAGE followed by western blot with 85737-4-RR (Dcn antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.