

For Research Use Only

COL9A2 Polyclonal antibody, PBS Only

Catalog Number: 24148-1-PBS



Basic Information

Catalog Number:

24148-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21458

GenBank Accession Number:

BC136326

GeneID (NCBI):

1298

UNIPROT ID:

Q14055

Full Name:

collagen, type IX, alpha 2

Calculated MW:

689 aa, 65 kDa

Observed MW:

68 kDa

Purification Method:

Antigen Affinity purified

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

mouse

Background Information

This gene encodes one of the three alpha chains of type IX collagen, the major collagen component of hyaline cartilage. Type IX collagen, a heterotrimeric molecule, is usually found in tissues containing type II collagen, a fibrillar collagen. This chain is unusual in that, unlike the other two type IX alpha chains, it contains a covalently attached glycosaminoglycan side chain. Mutations in this gene are associated with multiple epiphyseal dysplasia.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

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

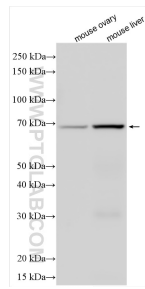
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24148-1-AP (Collagen Type IX antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24148-1-PBS in a different storage buffer formulation.