

For Research Use Only

COL9A2 Polyclonal antibody

Catalog Number: 24148-1-AP



Basic Information

Catalog Number: 24148-1-AP	GenBank Accession Number: BC136326	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 1298	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q14055	
Isotype: IgG	Full Name: collagen, type IX, alpha 2	
Immunogen Catalog Number: AG21458	Calculated MW: 689 aa, 65 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse ovary tissue, mouse liver tissue
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

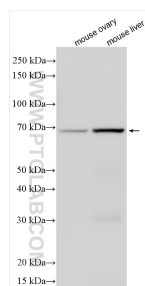
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.