

Anti-Aggrecan Rabbit pAb



WL02316

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Aggrecan Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100
	IF	1:500

Cellular localization Secreted, extracellular matrix

Pack size 50/100/200/500/1000µl

Storage Store at -20°C. **Avoid freeze/thaw cycles.**

Storage buffer Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background Aggrecan is a member of the chondroitin sulphate proteoglycan family, which also includes versican/PG-M, neurocan and brevican. Aggrecan is a complex multidomain macromolecule that undergoes extensive processing and post-translational modification. Aggrecan in cartilage forms aggregates with hyaluronan and link protein, embedded in a collagen network. Aggrecan accounts for the compressive stiffness and resilience of the hyaline cartilage. Many forms of inflammatory arthritis are shown to be accompanied with aggrecan degradation and loss from the cartilage.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Aggrecan.

Purification Polyclonal antibody was purified by Protein A affinity chromatography.

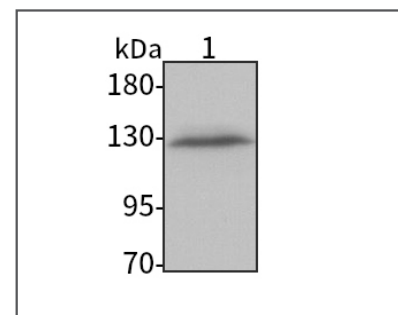
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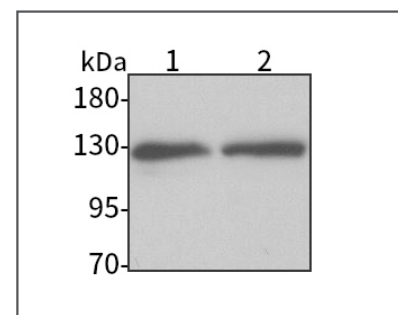
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Product Images



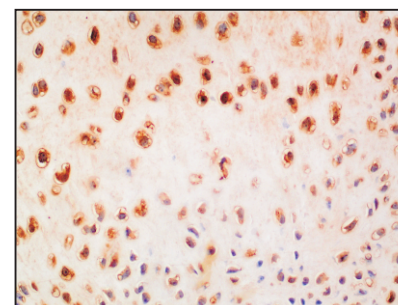
Western blot-Anti-Aggrecan pAb

Lane 1: Human Huh-7 cell lysate
All lanes: Anti-Aggrecan at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 250 kDa
 Observed band size: 50-265 kDa



Western blot-Anti-Aggrecan pAb

Lane 1: Mouse cartilage tissue lysate
Lane 2: Rat cartilage tissue lysate
All lanes: Anti-Aggrecan at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 250 kDa
 Observed band size: 50-265 kDa



Immunohistochemistry-Anti-Aggrecan pAb

Immunohistochemical analysis of paraffin-embedded mouse cartilage using anti-Aggrecan Rabbit Antibody at 1:100 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

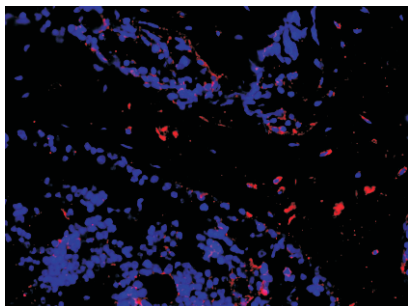
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Immunofluorescence-Anti-Aggrecan pAb

Immunofluorescence analysis of paraffin-embedded mouse femur using anti-Aggrecan Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0