

Aggrecan Antibody

CAB8536

Description

This Aggrecan Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB8536

Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: AGC1, SEDK, AGCAN, CSPG1, MSK16, CSPGCP, SSOAOD, Aggrecan

Clone: -

Applications: **WB** **IHC-P** **ELISA** **IF-P**

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 176

Uniprot: AB_2768197

Host Species: Rabbit

Purification: Affinity purification

Observed MW: Refer to figures

Calculated MW: 261kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample:

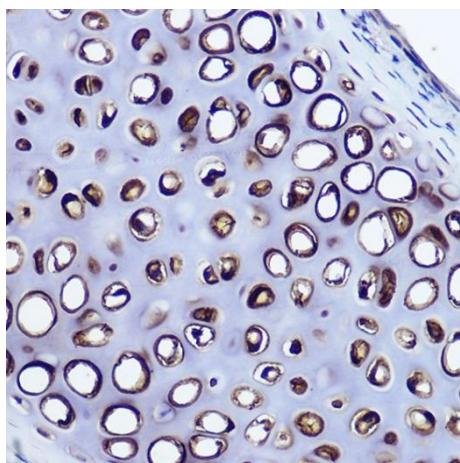
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Recommended Dilutions:

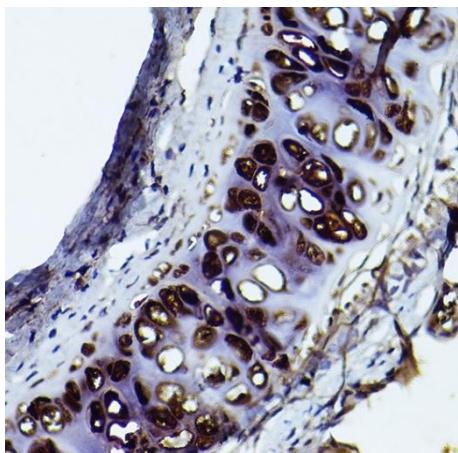
WB	1:500-1:1000
IF-P	1:50 - 1:200
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

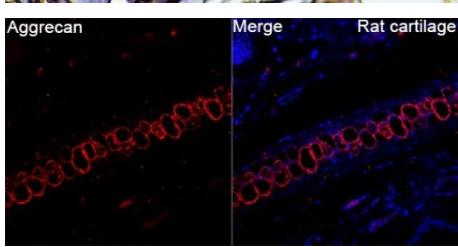
Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse cartilage using Aggrecan Rabbit pAb (CAB8536) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat cartilage using Aggrecan Rabbit pAb (CAB8536) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of Rat cartilage tissue using Aggrecan Rabbit pAb (CAB8536) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining.