

Recombinant Anti-Aggrecan antibody (Rabbit mAb)



GB155753 -20°C

Product Information			
Protein full name	Aggrecan core protein		
Synonyms	ACAN, AGC1, AGCAN, CSPG1, CSPGCP, MSK16, SEDK, Aggrecan		
Immunogen	KLH conjugated Synthetic peptide corresponding to Human Aggrecan		
Uniprot ID	P16112		
Isotype	IgG		
Clone Number	SB525		
Purity	Affinity purification		
Predicted MW./Observed MW.	261 kDa / 250-400 kDa		
Applications	Species	Dilution	Positive Tissue
WB	Human	1: 1000-1: 2000	SW1353
Storage			
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Storage Buffer	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.		
background			
Aggrecan (ACAN), also known as cartilage-specific proteoglycan core protein (CSPCP) or chondroitin sulfate proteoglycan 1, is a protein that in humans is encoded by the ACAN gene. This gene is a member of the lectican (chondroitin sulfate proteoglycan) family. This proteoglycan is a major component of extracellular matrix of cartilagenous tissues. A major function of this protein is to resist compression in cartilage. It binds avidly to hyaluronic acid via an N-terminal globular region. May play a regulatory role in the matrix assembly of the cartilage.			
Images			



WB analysis of Aggrecan(GB155753).
Sample: Protein treated by RIPA Lysis Buffer (G2002).
Blocking buffer: 3% Nonfat dry milk (GC310001) in TBST, RT, 1h.
Primary antibody: 1: 1000, 4°C overnight.
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 5000, RT, 1h.

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