

Polyclonal Antibody to Aggrecan (AGC)

Aggrecan

Catalog # AP74732

Product Information

Application	WB
Primary Accession	P13608
Host	Rabbit
Clonality	Polyclonal
Calculated MW	246362

Additional Information

Gene ID	280985
Other Names	ACAN; AGC1; AGCAN; CSPG1; CSPCP; CSPGCP; MSK16; SEDK; Cartilage-specific proteoglycan core protein; Large Aggregating Proteoglycan; Chondroitin Sulfate Proteoglycan 1
Target/Specificity	Bos taurus; Bovine (Cattle)
Dilution	WB~~Western blotting: 0.5-2 μ g/mL;1:500-2000 Immunohistochemistry: 5-20 μ g/mL;1:50-200 Immunocytochemistry: 5-20 μ g/mL;1:50-200 Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	ACAN
Synonyms	AGC1
Function	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.
Cellular Location	Secreted, extracellular space, extracellular matrix {ECO:0000250 UniProtKB:P07898}

Images

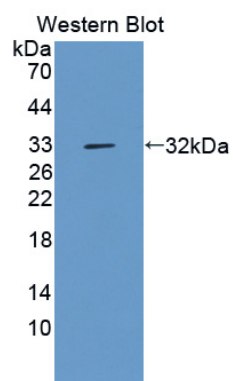


Figure. Western Blot; Sample: Recombinant AGC, Cattle.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.