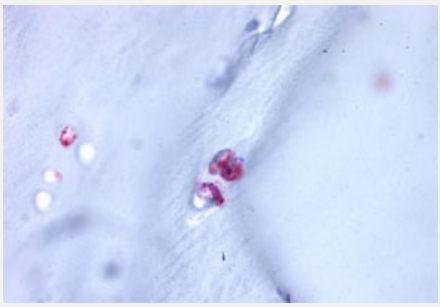
ACAN polyclonal antibody

Catalog # PAB27837 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human cartilage tissue with ACAN polyclonal antibody (Cat # PAB27837). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ACAN.
Immunogen	A synthetic peptide corresponding to 16 amino acid at C-terminus of human ACAN.
Host	Rabbit
Reactivity	Hamster, Human, Monkey, Rat
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except REG1A (50%).
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — ACAN

Entrez GeneID	176
Protein Accession#	P16112
Gene Name	ACAN
Gene Alias	AGC1, AGCAN, CSPG1, CSPGCP, MSK16, SEDK
Gene Description	aggrecan
Omim ID	155760 608361
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the aggrecan/versican proteoglycan family. The encoded protein is an i ntegral part of the extracellular matrix in cartilagenous tissue and it withstands compression in cart ilage. Mutations in this gene may be involved in skeletal dysplasia and spinal degeneration. Multip le alternatively spliced transcript variants that encode different protein isoforms have been observ ed in this gene. [provided by RefSeq
Other Designations	aggrecan 1 (chondroitin sulfate proteoglycan 1, large aggregating proteoglycan, antigen identified by monoclonal antibody A0122)|aggrecan proteoglycan|cartilage-specific proteoglycan core prote in|chondroitin sulfate proteoglycan 1|large aggregating proteo

Disease

- Alzheimer disease
- Arthritis
- Cardiovascular Diseases

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- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Growth Disorders
- Intervertebral Disk Degeneration
- Intervertebral Disk Displacement
- Low Back Pain
- Occupational Diseases
- Paraparesis
- Scoliosis
- Tobacco Use Disorder

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