

Anti-ACAN antibody (420-656) (STJ113946)

STJ113946

GENERAL INFORMATION

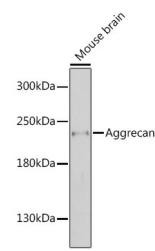
Product Type Primary antibodies
Short Description
Applications WB/IF/ICC/ELISA
Host/Source Rabbit
Reactivity Mouse/Rat

PRODUCT PROPERTIES

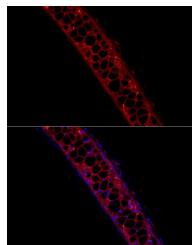
Clonality Polyclonal
Clone ID
Concentration Lot specific
Conjugation Unconjugated
Purification Affinity purification
Dilution WB:1:500-1:2000
Range IF/ICC:1:50-1:200
 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype IgG
Storage Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction

TARGET INFORMATION

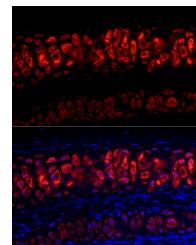
Gene ID 176
Gene Symbol ACAN
Uniprot ID PGCA_HUMAN
Immunogen
Immunogen 420-656
Region
Specificity Recombinant fusion protein containing a sequence corresponding to amino acids 420-575 of human Aggrecan (NP_037359.3).
Immunogen ATRPWGFTPGLGPATAFTS EDLTVQVTAVPGQPHLPGGV VFHYRPGPTRYSLTFFEAQQ ACLRTGAVIASPEQLQAAYE
Sequence AGYEQCDAGWLRDQTVRYPI VSPRTPCVGDKDSSPGVRTY GVRPSTETYDVYCFVDRLEG EVFFATRLEQFTFQEA



Western blot analysis of extracts of mouse brain, using Aggrecan antibody (STJ113946) at 1:1000 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L) (STJ000650) at 1:10000 dilution. Lanes: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.



Immunofluorescence analysis of mouse cartilage cells using Aggrecan rabbit polyclonal antibody (STJ113946) at dilution of 1:50 (40x lens). Red: Aggrecan staining. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Rat cartilage cells using Aggrecan antibody (STJ113946) at dilution of 1:100 (40x lens). Red: Aggrecan staining. Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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