

NB100-74350**Aggrecan Neoepitope Antibody****Unit Size**

0.1 ml

Concentration

1 mg/ml

Storage

Store at -20°C. Avoid freeze-thaw cycles.

Applications

WB, ICC/IF, IHC, IHC-P

Species

Human, Mouse, Rat, Bovine, Canine, Porcine

Molecular Weight

61kDa

Host

Rabbit

Clonality

Polyclonal

Purity

Immunogen affinity purified

Preservative

0.1% Sodium Azide

Specificity/Sensitivity

Aggrecan Neo (JSCNIT)

Immunogen

A synthetic peptide corresponding to a region of human Aggrecan (within residues 350-400). [UniProt# P16112]

Recommended Dilutions

Immunocytochemistry/Immunofluorescence 1:20 - 1:100, Immunohistochemistry 1:1000, Immunohistochemistry-Paraffin 1:1000, Western Blot 1:1000

Buffer

PBS, 30% glycerol

Uses

This Aggrecan Neoepitope antibody is useful for Immunocytochemistry/Immunofluorescence, Immunohistochemistry-paraffin embedded sections, and Western Blot. In WB a band is detected at ~61 kDa representing the neoepitope sequence (NITEGE) generated by aggrecanase-mediated cleavage at Glu373-Ala374 of aggrecan core proteins.

ReferencesLiu FC, Huang HS, Huang CY, Yang R, Chang DM, Lai JH, Ho LJ. A benzamide-linked small molecule HS-Cf inhibits TNF- α -induced interferon regulatory factor-1 in Porcine chondrocytes: a potential disease-modifying drug for osteoarthritis therapeutics. J Clin Immunol;31(6):1131-42. 2011 Dec. [PMID: 21858617] (IHC, Porcine)**Images** (more available at www.novusbio.com/NB100-74350)

Western Blot: Aggrecan Neoepitope Antibody [NB100-74350] - Analysis of ACAN in L929 whole cell extract using NB100-74350.

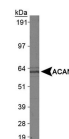
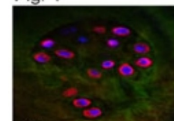


Fig. 1



Immunocytochemistry/Immunofluorescence: Aggrecan Neoepitope Antibody [NB100-74350] - Detection of ACAN in OA cartilage using NB100-74350.

Updated 3/9/2013 2.0

Limitations: This product is for research use only and is not approved for use in humans or in clinical diagnosis. Products are guaranteed for six months from the date of receipt except for peptides and proteins which are guaranteed for 3 months. **For more information on our guarantee, please visit www.novusbio.com/guarantee.**

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