



## Aggrecan (ACAN) Neopeptide

## Data Sheet

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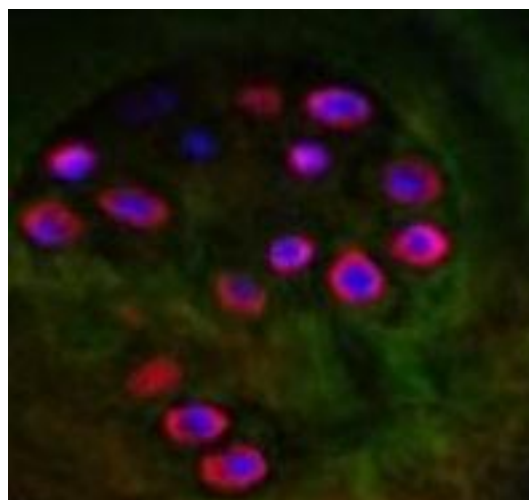
<b>Catalog Number:</b>	RA25082	<b>Host:</b>	Rabbit
<b>Product Type:</b>	Affinity Purified Antibody	<b>Species Reactivity:</b>	Human, Mouse, Rat, Cow, Cat, Pig
<b>Immunogen Sequence:</b>	Synthetic peptide corresponding to residues C G G N(a.a. 387) I T E G E(a.a. 392) of human aggrecan.	<b>Format:</b>	Liquid. PBS, 30% glycerol with 0.1% Sodium Azide as a preservative. Concentration: 1 mg/ml.
<b>Applications:</b>	Immunofluorescence: 1.0 ug/ml Western Blot: 1.0 ug/ml		
<b>Storage:</b>	Dilutions listed as a recommendation. Optimal dilution should be determined by investigator. Store frozen. Aliquot as undiluted antisera and immediately place at -20°C. Antisera may have become trapped in top of vial during shipping. Centrifugation of vial is recommended before opening. Stable for at least 6 months at -20°C. Repeated freeze/thaw cycles compromise the integrity of the antiserum.		

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### Application Notes

This ACAN antibody is useful for immunofluorescence and Western blot. In WB a band is detected at ~61 kDa representing the neopeptide sequence (NITEGE) generated by aggrecanase-mediated cleavage at Glu373-Ala374 of aggrecan core proteins.

*Image: ACAN staining of OA cartilage.*



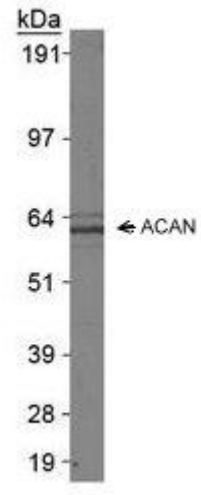
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Image: Western blot analysis of ACAN in L929 whole cell extracts,



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