

# Product Datasheet

## Relaxin R1/LGR7 Antibody - BSA Free NBP2-23674

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 2

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**NBP2-23674**

Relaxin R1/LGR7 Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Whole sera with 50% Glycerol

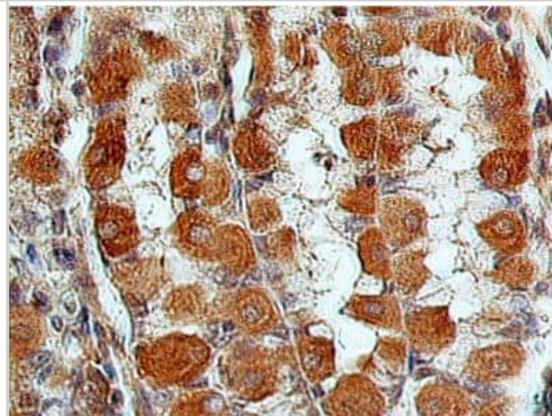
Product Description	
<b>Description</b>	Novus Biologicals Rabbit Relaxin R1/LGR7 Antibody - BSA Free (NBP2-23674) is a polyclonal antibody validated for use in IHC and WB. Anti-Relaxin R1/LGR7 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	59350
<b>Gene Symbol</b>	RXFP1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 31218471). Immunogen displays the following percentage of sequence identity for non-tested species: horse (83%), bovine (83%), dog (83%) and cat (83%).
<b>Immunogen</b>	Within the range of amino acids 694-732 of human RXFP1 protein were used as the immunogen for this antibody.

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot reported in scientific literature (PMID 31218471), Immunohistochemistry, Immunohistochemistry-Paraffin 1:100, Immunohistochemistry-Frozen reported in scientific literature (PMID 31218471)

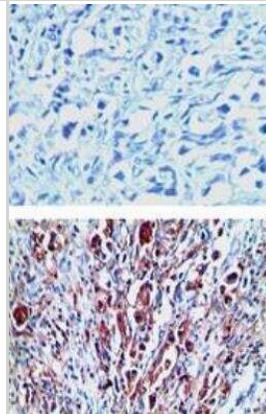


## Images

Immunohistochemistry-Paraffin: Relaxin R1/LGR7 Antibody [NBP2-23674] - Cytoplasmic staining of FFPE adenocarcinoma of the stomach (IMH-343) with RXFP1 antibody (1:50), peroxidase-conjugate and DAB chromogen. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.



Immunohistochemistry-Paraffin: Relaxin R1/LGR7 Antibody [NBP2-23674] - Analysis of RXFP1 in FFPE human stomach tumor tissue using an isotype control antibody (top) and RXFP1 antibody (bottom) at 1:100.



## Publications

Restucci B, Sgadari M, Fatone G et al. Immunoexpression of Relaxin and Its Receptors in Stifle Joints of Dogs with Cranial Cruciate Ligament Disease Animals 2022-03-23 [PMID: 35405809] (IF/IHC, WB, Canine)

Gao XM, Su Y, Moore S et al. Relaxin mitigates microvascular damage and inflammation following cardiac ischemia-reperfusion Basic Res. Cardiol. 2019-06-19 [PMID: 31218471] (IHC-Fr, WB, Mouse)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-23674**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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