Antibodies

Data Sheet

HUMAN RELAXIN RECEPTOR 1 (aa 278-293)

ANTIBODY, POLYCLONAL

Catalog no.: A 9226.1 / A 9226.2

Immunogen: Synthetic human Relaxin Receptor 1 (aa 278-293) (MRKNKINHLNENTFA) KLH-conjugated

Synonyms: Relaxin family peptide receptor 1 (RXFP1), Leucine-rich repeat-containing G-protein coupled receptor 7 (LGR7)

Swiss-Prot No: Q9HBX9

Gene Information: Gene Name: RXFP1

GeneID: 59350

Host: Rabbit

Matrix: Serum

Specificity: Human Relaxin Receptor 1 (aa 278-293)

Cross-reactivity with human and monkey (macaque, marmoset) RXFP1. There was no cross reactivity obtained with human Relaxin Receptor 2 (RXFP2, LGR8)

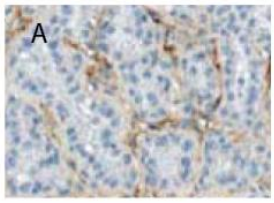


Figure 1: Immunohistochemistry image of RXFP1 staining in paraffin section of healthy human breast tissue from lactating patient. The section was incubated with A 9226 (1:4000) overnight and detected using peroxidase-anti-peroxidase (PAP)-avidin-biotin-complex (ABC) combination method. DAB was used as the chromogen. The section was counterstained with haemalaun. **A.** A 9226 recognizes the stromal cells within the glands; **B.** Preimmune serum at the same dilution. Scale bar = 50µm.

Ivell R et al. (2003) Reprod Biol Endocrinol 1:114

Contents: 20 µl / 100 µl (lyophilized)

Resuspend in 20 µl / 100 µl aqua bidest.

Known applications: Immunocytochemistry (1:4000)[1], immunohistochemistry (paraffin sections, 1:4000)[1]

Store at: 2-8 °C (lyophilized); - 20 °C (dissolved)

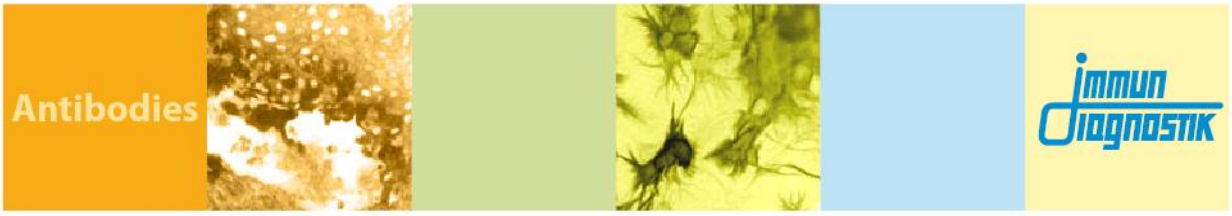
Repeated thawing and freezing must be avoided

References:

1. Ivell R, Balvers M, Pohnke Y, Telgmann R, Bartsch O, Milde-Langosch K, Bamberger AM, Einspanier A. Immunoexpression of the relaxin receptor LGR7 in breast and uterine tissues of humans and primates. Reprod Biol Endocrinol 2003; 1:114.

Last updated on: 18 August 2016

Immundiagnostik AG
Stubenwald-Allee 8a · 64625 Bensheim · Germany
Phone: +49 (0) 62 51/70 19 00 · Fax: +49 (0) 62 51/84 94 30 · info@immundiagnostik.com · www.immundiagnostik.com



For research use only

Publishing research using A 9226? Please let us know so that we can cite your publication as a reference.

Immundiagnostik AG
Stubenwald-Allee 8a · 64625 Bensheim · Germany
Phone: +49 (0) 62 51/70 19 00 · Fax: +49 (0) 62 51/84 94 30 · info@immundiagnostik.com · www.immundiagnostik.com