Antibodies

Data Sheet

HUMAN RELAXIN RECEPTOR 1 (aa 145-159)

ANTIBODY, POLYCLONAL

Catalog no.:	A 9225.1 / A 9225.2
Immunogen:	Synthetic human Relaxin Receptor 1 (aa 145-159) (FKNYHDLQKLYLQN) 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 145-159) Cross reactivity with human and monkey (macaque, marmoset) RXFP1. There was no cross reactivity obtained with human Relaxin Receptor 2 (RXFP2, LGR8)
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

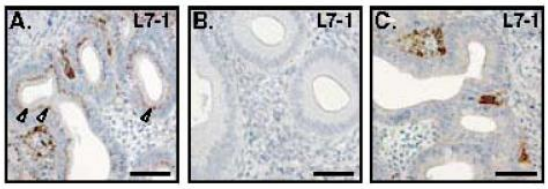
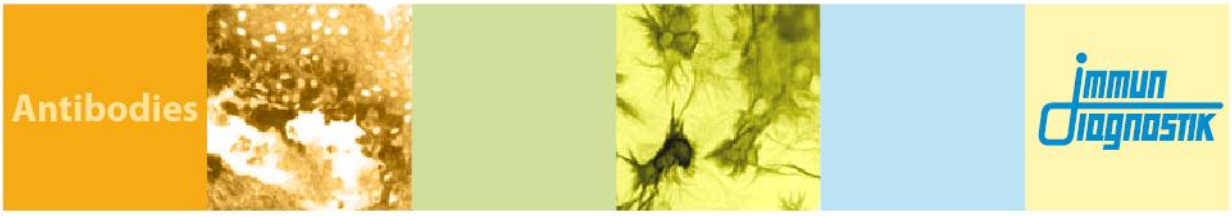


Figure 1: Immunohistochemistry image of RXFP1 staining in paraffin section of uterus tissue (endometrium) from a cynomolgus macaque in the secretory phase of the estrous cycle. The section was incubated with A 9225 (1:4000) overnight and detected using peroxidase-anti-peroxidase (PAP)-avidin-biotin-complex (ABC) combination method. DAB was used as the chromogen. The section was counterstained with haemalaun. **A.** A 9225 recognizes endometrial stromal cells; glandular epithelial cells (arrow heads) are unspecifically stained; **B.** Preimmune serum at the same dilution; C. A 9225 preincubated with the hapten KLH. Scale bar = 50µm.

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

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 9225? 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