

## **Data Sheet**

## **HUMAN RELAXIN RECEPTOR 2 (aa 144-159)**

## **ANTIBODY**, POLYCLONAL

**Catalog no.:** A 9228.1 / A 9228.2

**Immunogen:** Synthetic human Relaxin Receptor 2 (aa 144-159)

(CLKKNKIHSLPDKVFIK) KLH-coupled

The underlined amino acids were added for technical reasons.

**Synonyms:** Relaxin family peptide receptor 2 (RXFP2), Leucine-rich repeat-

containing G-protein coupled receptor 8 (LGR8), G-protein coupled receptor affecting testicular descent (GREAT), G-protein coupled

receptor 106 (GPR106)

Swiss-Prot No: Q8WXD0

**Gene Information:** Gene Name: RXFP2

GeneID: 122042

**Host:** Rabbit

Matrix: Serum

**Specificity:** Human Relaxin Receptor 2

(aa 144-159)

Cross reacts with human RXFP2. There was no cross- reactivity obtained with human Relaxin

Receptor 1 (RXFP1, LGR7)

**Contents:**  $20 \mu l / 100 \mu l$  (lyophilized)

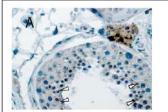
Resuspend in 20 µl / 100 µl aqua bidest.

**Known applications:** Immunocytochemistry (1:4000)<sup>1</sup>, immunohistochemistry (paraffin

sections, 1:4000)<sup>1</sup>

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

Repeated thawing and freezing must be avoided



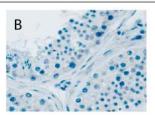


Figure 1: Immunohistochemistry image of RXFP2 staining in paraffin section of human testis. The section was incubated with A 9228 (1:4000) overnight and detected using ABC staining kit (Vector Laboratories). DAB was used as the chromogen. The section was counterstained with haemalaun. **A.** A 9228 recognizes interstitial Leydig cells and germ cells (arrow heads); **B.** Preimmune serum at the same dilution. Scale bar =  $50\mu m$ .

Anand-Ivell RJ et al. (2003) Biol Reprod 74(5):945-53





References:

1. Anand-Ivell RJK, Relan V, Balvers M, Coiffec-Dorval I, Fritsch M, Bathgate RAD, Ivell R (2006).

Expression of the insulin-like peptide 3 (INSL3) hormone-receptor (LGR8) system in the testis.

Biol Reprod **74**: 945-953.

**Last updated on:** 15 October 2021

For research use only

Publishing research using A 9228? Please let us know so that we can cite your publication as a reference.

