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Datasheet for ABIN566200

## anti-RXFP1 antibody (AA 68-162)

2 Images

8 Publications

### Overview

Quantity:	100 µg
Target:	RXFP1
Binding Specificity:	AA 68-162
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RXFP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant LGR7.
Immunogen:	LGR7 (NP_067647, 68 a.a. ~ 162 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	WSMQFDKYFA SYYKMTSQYP FEAETPECLV GSPVQCLCQ GLELDCDETN LRAVPSVSSN VTAMSLQWNL IRKLPPDFK NYHDLQKLYL QNNKI
Clone:	3E3
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	RXFP1
Alternative Name:	RXFP1 ( <a href="#">RXFP1 Products</a> )
Background:	Full Gene Name: relaxin/insulin-like family peptide receptor 1 Synonyms: LGR7,LGR7.1,LGR7.10,LGR7.2,MGC138347,MGC142177,RXFPR1
Gene ID:	59350
NCBI Accession:	<a href="#">NM_021634</a>
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

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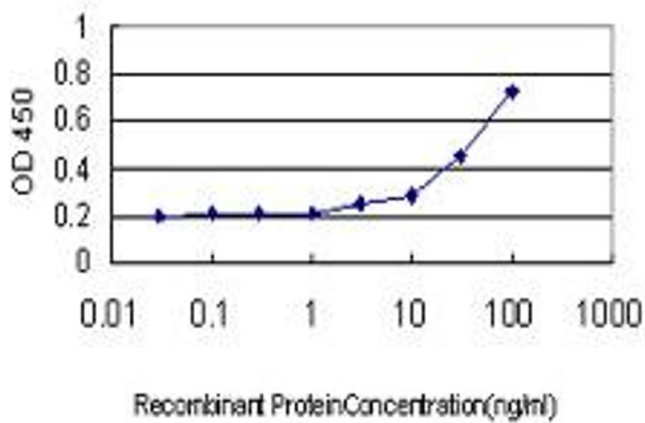
Product cited in:	Jelinic, Leo, Post Uiterweer, Sandow, Gooi, Wlodek, Conrad, Parkington, Tare, Parry: "Localization of relaxin receptors in arteries and veins, and region-specific increases in compliance and bradykinin-mediated relaxation after in vivo serelaxin treatment." in: <b>FASEB journal : official publication of the Federation of American Societies for Experimental Biology</b> , Vol. 28, Issue 1, pp. 275-87, (2014) ( <a href="#">PubMed</a> ).
	Ferlin, Menegazzo, Giancesello, Selice, Foresta: "Effect of relaxin on human sperm functions." in: <b>Journal of andrology</b> , Vol. 33, Issue 3, pp. 474-82, (2012) ( <a href="#">PubMed</a> ).
	Soh, Tiwari, Mahendroo, Conrad, Parry: "Relaxin regulates hyaluronan synthesis and aquaporins in the cervix of late pregnant mice." in: <b>Endocrinology</b> , Vol. 153, Issue 12, pp. 6054-64, (2012) ( <a href="#">PubMed</a> ).

Vandevoort, Mtango, Latham, Stewart: "Primate preimplantation embryo is a target for relaxin during early pregnancy." in: **Fertility and sterility**, Vol. 96, Issue 1, pp. 203-7, (2011) ([PubMed](#)).

Ferlin, Pepe, Faccioli, Giancesello, Foresta: "Relaxin stimulates osteoclast differentiation and activation." in: **Bone**, Vol. 46, Issue 2, pp. 504-13, (2010) ([PubMed](#)).

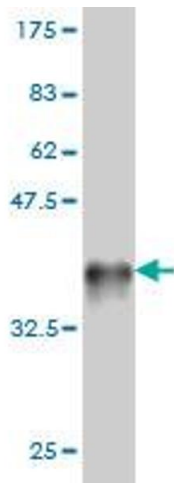
There are more publications referencing this product on: [Product page](#)

Images



ELISA

**Image 1.** Detection limit for recombinant GST tagged LGR7 is approximately 3ng/ml as a capture antibody.



Western Blotting

**Image 2.** Western Blot detection against Immunogen (36.19 kDa).