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Datasheet for ABIN1385722

**anti-Relaxin 3 Receptor 1 antibody (AA 11-58)**

## Overview

Quantity:	100 µL
Target:	Relaxin 3 Receptor 1 (RXFP3)
Binding Specificity:	AA 11-58
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Relaxin 3 Receptor 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Relaxin 3 Receptor 1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	Relaxin 3 Receptor 1 (RXFP3)
Alternative Name:	GPCR135/Relaxin 3 Receptor 1 ( <a href="#">RXFP3 Products</a> )

## Target Details

Background: Synonyms: Relaxin Receptor 3, G protein coupled receptor GPCR135, G protein coupled receptor SALPR, G-protein coupled receptor SALPR, GPCR SALPR, GPCR 135, GPCR135, Gprotein coupled receptor SALPR, Relaxin 3 receptor 1, Relaxin 3 receptor1, Relaxin 3/INSL7 receptor 1, Relaxin 3/INSL7 receptor1, Relaxin family peptide receptor 3, Relaxin family peptide receptor3, Relaxin/insulin like family peptide receptor 3, Relaxin3 receptor 1, Relaxin3 receptor1, RL3 R1, RL3R 1, RL3R1, RLN3 receptor 1, RLN3 receptor1, RLN3R1, RXFPR3, SALP R, SALPR, somatostatin and angiotensin like peptide receptor, RL3R1\_HUMAN.

Background: Relaxin Receptor 3 is a G protein-coupled receptor that binds Relaxin 3 and influences differentiation and maintenance of the nervous system. Relaxin Receptor 3 shares sequence similarity with somatostatin receptors and angiotensin receptors. It mediates central processing of sensory signals in the rat and is thought to be a modulator of stress responses. Relaxin Receptor 3 is present in the brain, with highest expression in substantia nigra and pituitary, followed by hippocampus, spinal cord, amygdala, caudate nucleus and corpus callosum, and low level expression in cerebellum. In peripheral tissues there are high levels in adrenal glands and low levels in pancreas, salivary gland, placenta, mammary gland and testis.

Gene ID: 51289

## Application Details

Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200  
ICC 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months