

KX576

For research use only

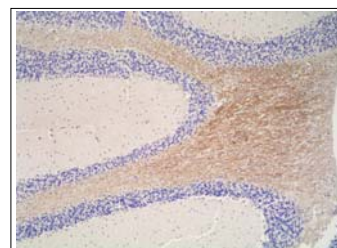
## Anti Human RXFP3 Monoclonal Antibody

Clone No. 2H10

This product is generated from GANP® mice.



**Code No.** KX576  
**Target** RXFP3  
**Category** GPCR  
**Gene ID** 51289  
**Primary Source** HGNC:24883  
**Synonyms** SALPR; RLN3R1; RXFPR3; GPCR135; MGC141998; MGC142000; RXFP3  
**Type** Monoclonal Antibody  
**Immunogen** Partial peptide of Human RXFP3 (3rd extracellular domain)



[IHC] Rat cerebellum tissue

**Raised in** GANP® mouse  
**Myeloma** P3U1  
**Clone number** 2H10  
**Purification** ProteinG  
**Source** Serum-free medium  
**Isotype** IgG2b, $\kappa$   
**Cross Reactivity** Rat  
**Label** Unlabeled  
**Concentration** 0.25 mg/mL  
**Contents (Volume)** 50  $\mu$ g ( 200  $\mu$ L/vial)  
**Buffer** PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]  
**Storage** Store at - 20    long term, store at 4    short term. Avoid repeated freeze-thaw cycles.

**Application** ELISA,IHC

ELISA	WB	IHC	ICC
1.0	Not tested	10	Not tested
IP	FCM	IF	Neutralization
Not tested	Not tested	Not tested	Not tested

(  $\mu$ g/mL)

## Reference

1. Matsumoto M, et al. The novel G-protein coupled receptor SALPR shares sequence similarity with somatostatin and angiotensin receptors. *Gene* 2000 248:183-189.
2. Liu C, et al. Identification of relaxin-3/INSL7 as an endogenous ligand for the orphan G-protein coupled receptor GPCR135. *J. Biol. Chem.* 2003 278:50754-50764.
3. The MGC Project Team. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). *Genome Res.* 2004 14:2121-2127.

## UniPlot Summary

//Function: Receptor for relaxin-3. Binding of the ligand inhibit cAMP accumulation.

//Subcellular location: Cell membrane; Multi-pass membrane protein.

//Tissue specificity: Expressed predominantly in brain regions. Highest expression in substantia nigra and pituitary, followed by hippocampus, spinal cord, amygdala, caudate nucleus and corpus callosum, quite low level in cerebellum. In peripheral tissues, relatively high levels in adrenal glands, low levels in pancreas, salivary gland, placenta, mammary gland and testis.

//Sequence similarities: Belongs to the G-protein coupled receptor 1 family.