www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

NPSR1 Rabbit pAb

Catalog Number:	bs-11430R
Target Protein:	NPSR1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500), ELISA (1:5000-10000)
Reactivity:	(predicted:Human, Mouse, Rat, Pig, Sheep, Cow, Dog, Horse)
Predicted MW:	43 kDa
Subcellular Locations:	Cell membrane ,Cytoplasm
Entrez Gene:	387129
Swiss Prot:	Q6W5P4
Source:	KLH conjugated synthetic peptide derived from human NPSR1: 201-300/371.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR154 (G-protein coupled receptor 154), also known as NPSR1 (neuropeptide S receptor), GPRA (G-protein coupled receptor for asthma susceptibility) or PGR14, is a 371 amino acid protein that is thought to play a role in autocrine or paracrine signaling pathways. Ubiquitously expressed, GPR154 exists as nine alternatively spliced isoforms. Defects in the gene encoding GPR154 is the cause of asthma-related traits type 2 (ASRT2).

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.863] Aneta Piwowarczyk-Nowak. et al. Effect of Escitalopram on the Number of DCX-Positive Cells and NMUR2 Receptor Expression

in the Rat Hippocampus under the Condition of NPSR Receptor Blockade. PHARMACEUTICALS-BASE. 2022 May;15(5):631 IHC ; Rat . 35631458

[IF=2.742] Piwowarczyk-Nowak, Aneta. et al. Modulatory effect of long-term treatment with escitalopram and clonazepam on the expression of anxiety-related neuropeptides: neuromedin U, neuropeptide S and their receptors in the rat brain. MOL BIOL REP. 2022 Jun;:1-9 IHC ; Rat . 35690686

[IF=2.5] Anna Lipiec-Borowicz. et al. Neuropeptides in the rat claustrum – An immunohistochemical detection. ACTA HISTOCHEM. 2024 Apr;126:152156 IHC ; Rat . 38518508