bs-11430R

- DATASHEET -----

[Primary Antibody]

NPSR1 Rabbit pAb



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

DATASHEET		
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GenelD: 387129	SWISS: Q6W5P4	IF (1:100-500)
Target: NPSR1		ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Pig, Sheep, Cow, Dog, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human NPSR1: 201-300/371.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		,
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.		Predicted MW.: ^{43 kDa} Subcellular call membrane Cetanlaan
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).		G G

- [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