

bs-11521R**[Primary Antibody]****NPY5R Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

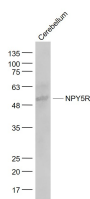
sales@bioss.com.cn

techsupport@bioss.com.cn

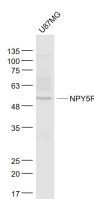
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse (predicted: Rabbit, Cow, Dog, Horse)
GeneID: 4889	SWISS: Q15761	Predicted MW.: 51 kDa
Target: NPY5R		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human NPY5R: 1-100/445. < Extracellular >		
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.		
Background: Pancreatic polypeptide (PP), neuropeptide Y (NPY), and peptide YY (PYY) are related 36-amino acid hormones. A number of structurally related receptors for these peptides have been isolated, NPY1-R, NPY2-R, NPY3-R, NPY4-R, NPY5-R, and NPY6-R. NPY4-R is expressed in several human tissues, including brain, coronary artery, and ileum. NPY4-R maps to human chromosome 10q11.2. NPY5-R, isolated from rat hypothalamus, encodes a 456- amino acid protein with less than 35% overall identity to known Y- type receptors. The human NPY5-R sequence is nearly identical to, but in the opposite orientation from, that of the human NPY1-R sequence. NPY5-R localizes to the paraventricular hypothalamic nucleus, the lateral hypothalamus, and other locations consistent with a role in the control of feeding behavior. The gene which encodes NPY5-R maps to human chromosome 4q32.2. NPY6-R is abundantly expressed in human heart and skeletal muscle and the gene which encodes NPY6-R maps to human chromosome 5q31.		

— VALIDATION IMAGES —

Sample: Cerebellum (Mouse) Lysate at 40 ug
Primary: Anti- NPY5R (bs-11521R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 51 kD Observed band size: 53 kD



Sample: U87MG(Human) Cell Lysate at 30 ug
Primary: Anti- NPY5R (bs-11521R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 51 kD Observed band size: 53 kD