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Datasheet for ABIN1391758
anti-NPY5R antibody (AbBy Fluor® 488)

Overview

Quantity:	100 µL
Target:	NPY5R
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPY5R antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NPY5R
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NPY5R
Alternative Name:	Npy5r (NPY5R Products)
Background:	Synonyms: Neuropeptide Y receptor type 5, Neuropeptide Y receptor Y5, NPY 5R, NPY R5, NPY Y5, NPY Y5 receptor, NPY-Y5 receptor, NPY5 R, NPY5-R, NPY5R, NPY5R_HUMAN, NPYR 5,

Target Details

NPYR5, NPY5, NPY5, NPY5-R, Y5 receptor.

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. NPY-5R, 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.

Pathways: [Feeding Behaviour](#)

Application Details

Application Notes: FCM 1:20-100
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months