Description: SHEEP ANTI HUMAN NEUROPEPTIDE Y RECEPTOR 1
Specificity: NEUROPEPTIDE Y RECEPTOR 1
Other names: NPY1R
Format: Purified
Product Type: Polyclonal Antibody
Isotype: Polyclonal IgG
Quantity: 1 ml

RRID
AB_620417

Applications

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin (1)</td>
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<td>ELISA</td>
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<tr>
<td>Western Blotting</td>
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<td>1/100 - 1/1000</td>
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<td>Immunofluorescence</td>
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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species
Human

Species Cross Reactivity
Reacts with: Rat

N.B. Antibody reactivity and working conditions may vary between species.

Product Form
Purified IgG - liquid

Preparation
Purified IgG prepared by affinity chromatography on Protein G

Buffer Solution
Phosphate buffered saline

Preservative Stabilisers
0.09% Sodium Azide (NaN₃)

Approx. Protein
IgG concentration 5.0 mg/ml
Concentrations

Immunogen

A synthetic peptide corresponding to amino acids 365 - 378 of human NPY1R, conjugated to KLH.

Peptide sequence: KQASPVAFFKINNN

External Database Links

UniProt: P25929 Related reagents

Entrez Gene: 4886 NPY1R Related reagents

Synonyms

NPYR, NPY1

Specificity

Sheep anti Human Neuropeptide Y Receptor 1 antibody recognizes human neuropeptide Y receptor 1. Neuropeptide Y receptors are a class of G-protein coupled receptors which are activated by the closely related peptide hormones neuropeptide Y, peptide YY and pancreatic polypeptide. These receptors are involved in control of a diverse set of behavioral processes including appetite, circadian rhythm, and anxiety.

Western Blotting

6732-0150 detects a band of approximately 55 kDa in human brain.

References


Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

18 months from date of despatch.

Health And Safety Information


Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) DyLight®488, FITC, HRP
Recommended Useful Reagents

ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025A)
ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025C)