

## NPY5-R Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP06150
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NPY5R. AA range:221-270
<b>Mol wt</b>	51991
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	NPY5-R Antibody
<b>Synonyms</b>	NPY5R; NPYR5; Neuropeptide Y receptor type 5; NPY5-R; NPY-Y5 receptor; NPYY5-R; Y5 receptor

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Neuropeptide Y receptor Y5 encoded by NPY5R is a receptor for neuropeptide Y and peptide YY. Neuropeptide Y receptor Y5 appears to be involved in regulating food intake, with defects in NPY5R being associated with eating disorders. Also, neuropeptide Y receptor Y5 is involved in a pathway that protects neuroblastoma cells from chemotherapy-induced cell death, providing a possible therapeutic target against neuroblastoma. Three transcript variants encoding the same protein have been found for NPY5R.

### Recommended Dilution

WB: 1: 500 - 1: 2000

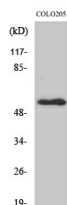
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

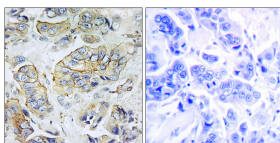
ELISA: 1: 20000

Not yet tested in other applications.

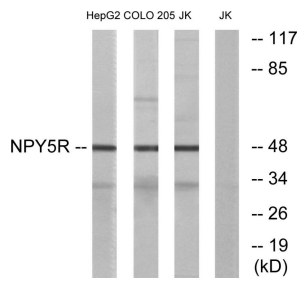
### Images



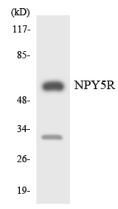
Western Blot analysis of various cells using NPY5-R Polyclonal Antibody



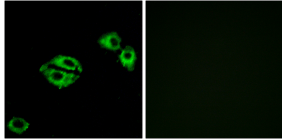
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using NPY5R Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO, Jurkat, and HepG2 cells, using NPY5R Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from Jurkat cells using NPY5R antibody.



Immunofluorescence analysis of A549 cells, using NPY5R Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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