



**KAL-KB494**

For research use only

# Anti Human NPY5R Polyclonal Antibody

**Code No.** KB494  
**Target** NPY5R  
**Category** GPCR  
**Gene ID** 4889  
**Primary Source** HGNC:7958  
**Synonyms** NPYR5; NPY5R

**Type** Polyclonal Antibody  
**Immunogen** Recombinant protein of full length Human NPY5R

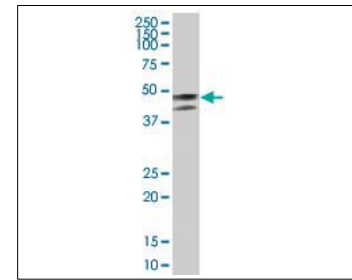
**Raised in** Mouse  
**Myeloma** -  
**Clone number** -  
**Purification** Protein A purified  
**Source** Mouse Serum  
**Isotype** -  
**Cross Reactivity** -  
**Label** Unlabeled  
**Concentration** 0.36 mg/mL  
**Contents (Volume)** 50 µg  
**Buffer** PBS, pH 7.2

**Storage** Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

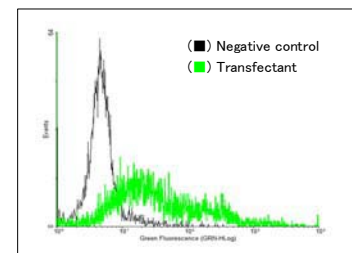
**Application** WB,FCM

	ELISA	WB	IHC	ICC
	-	1.0	-	-
	IP	FCM	IF	Neutralization
	-	1.0	-	-

(µg/mL)



[WB] NPY5R transfected 293T cell lysate



[FCM] NPY5R expressing 293 cells

## Reference

- Hu Y., et al. "Identification of a novel hypothalamic neuropeptide Y receptor associated with feeding behavior." J. Biol. Chem. 271:26315-26319(1996)
- Gerald C., et al. "A receptor subtype involved in neuropeptide-Y-induced food intake." Nature 382:168-171(1996)
- Herzog H., et al. "Overlapping gene structure of the human neuropeptide Y receptor subtypes Y1 and Y5 suggests coordinate transcriptional regulation." Genomics 41:315-319(1997)

## UniPlot Summary

//Function: Receptor for neuropeptide Y and peptide YY. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity. Seems to be associated with food intake. Could be involved in feeding disorders.  
//Subcellular location: Cell membrane; Multi-pass membrane protein.  
//Tissue specificity: Brain; hypothalamus.  
//Sequence similarities Belongs to the G-protein coupled receptor 1 family.

Manufactured by TransGenic Inc.



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