

# Anti-PYY (3-36) (peptide tyrosine-tyrosine amide, 3-36) Antibody

## Product Details

<b>Available Variants</b>	100 uL (SKU:ABS 051-04-010) 400 uL (SKU:ABS 051-04-04) 1000 uL (SKU:ABS 051-04-1)
<b>Conjugate</b>	Unconjugated
<b>Isotype</b>	IgG2a/k
<b>Clone</b>	4
<b>Gene Name</b>	PYY
<b>Host Species</b>	Mouse
<b>Concentration</b>	1 mg/mL $\pm$ 15%
<b>Format</b>	Protein A or Protein G purified
<b>Physical State</b>	Liquid
<b>Buffer</b>	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
<b>Production Notes</b>	BSA free
<b>Applications</b>	ELISA, WB
<b>Dilution Ranges</b>	ELISA: 1:20,000
<b>Species Reactivity</b>	Human
<b>Immunogen</b>	Synthetic N-terminal fragment of human PYY(3-36) coupled to carrier.
<b>Specificity</b>	ABS 051-04 binds human PYY(3-36). Based on inhibition ELISA, ABS 051-04 shows no cross-reaction with PYY(1-36) or NPY. The epitope lies within residues 3-12 of human PYY.
<b>Molecular Weight</b>	4 kDa
<b>Storage</b>	2-8°C without exposure to light

<b>UniProt ID</b>	<u>P10082</u>
<b>Country of Origin</b>	United States
<b>Shipping</b>	Shipped on ice packs
<b>Expiration</b>	24 months from date of receipt
<b>Usage Statement</b>	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
<b>Application Details</b>	ABS 051-04 binds free PYY(3-36) in solution. An ELISA dilution guideline of 1/20,000 applies to PYY(3-36) coated directly at 1 µg/mL. ABS 051-04 as a capture antibody forms a sandwich ELISA antibody pair with biotinylated ABS 029-01 as a detection antibody for measuring PYY(3-36).
<b>NCBI Gene ID</b>	5697

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**Product Page URL:** [www.antibodiesinc.com/products/anti-pyy-3-36-peptide-tyrosine-tyrosine-amide-3-36-antibody-4-abs-051-04](http://www.antibodiesinc.com/products/anti-pyy-3-36-peptide-tyrosine-tyrosine-amide-3-36-antibody-4-abs-051-04)



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