

Rabbit anti-Human PYY Polyclonal Antibody | anti-PYY antibody

PYY Antibody (C-term)

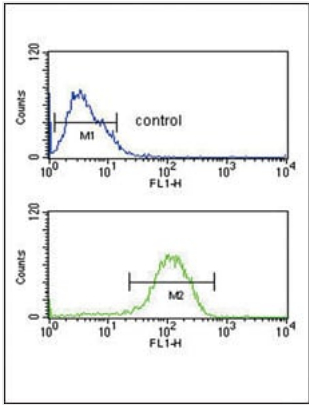
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28733	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

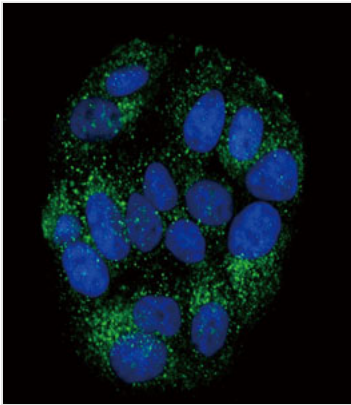
PYY; Polyclonal Antibody; PYY Antibody (C-term); Peptide YY; PYY-I; anti-PYY antibody

PRODUCT SPECIFICATIONS

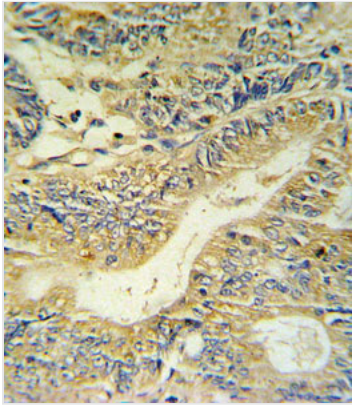
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This PYY antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 67-94 amino acids from the C-terminal region of human PYY.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	67-94
Sequence Length	90
Applicable Applications for anti-PYY antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Application Notes	WB~~1:1000 IHC-P~~1:10~50 IF~~1:10~50 FC~~1:10~50
Function	This gut peptide inhibits exocrine pancreatic secretion, has a vasoconstrictory action and inhibits jejunal and colonic mobility.
Cellular Location	Secreted.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



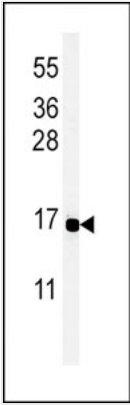
FCM (Flow Cytometry)
PYY Antibody (C-term) (AAA28733) flow cytometric analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of PYY Antibody (C-term) (AAA28733) with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
PYY Antibody (C-term) (AAA28733) IHC analysis in formalin fixed and paraffin embedded colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PYY Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PYY Antibody (C-term) (AAA28733) in MCF-7 cell line lysates (35ug/lane). PYY (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PYY antibody	PYY gut peptide inhibits exocrine pancreatic secretion, has a vasoconstrictory action and inhibits jejunal and colonic mobility.
Product Categories/Family for anti-PYY antibody	Metabolism; Neuroscience
References	Ueda, S.Y., et al. J. Endocrinol. 203(3):357-364(2009) Shih, P.A., et al. J. Clin. Endocrinol. Metab. 94(11):4557-4566(2009) Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	300068956
NCBI GeneID	5697
NCBI Accession #	NP_004151.3
NCBI GenBank Nucleotide #	NM_004160.4
UniProt Accession #	P10082; Q5U5Q6; Q6FGH8

Molecular Weight	Calculated MW: 11145
NCBI Official Full Name	peptide YY preproprotein
NCBI Official Synonym Full Names	peptide YY
NCBI Official Symbol	PYY
NCBI Official Synonym Symbols	PYY1; PYY-I
NCBI Protein Information	peptide YY
UniProt Protein Name	Peptide YY
UniProt Gene Name	PYY
UniProt Synonym Gene Names	PYY
UniProt Entry Name	PYY_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/pyy-antibody-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/28733>