

[Leu31, Pro34]-Neuropeptide Y (Porcine)

Catalog #	Source	Reactivity	Applications
CCP1532	Synthetic		
Description	Peptide to [Leu31, Pro34]-Neuropeptide Y (Porcine)		
Biological Description	This NPY analog is a highly potent and selective ligand for Y ₁ receptors in different cell lines and tissues. It has therefore been used to detect the NPY/PYY receptor subtype distribution, e.g., in rat brain. The peptide is also active in vivo, showing an even higher potency than NPY in increasing blood pressure in anesthetized rats		
Form	Lyophilized powder		
CAS Number	125580-28-1		
Molecular Formula	C190H286N54O56		
Molecular Weight	4222.70		
Purity	> 95%		
Chemical Structure	Tyr - Pro - Ser - Lys - Pro - Asp - Asn - Pro - Gly - Glu - Asp - Ala - Pro - Ala - Glu - Asp - Met - Ala - Arg - Tyr - Tyr - Ser - Ala - Leu - Arg - His - Tyr - Ile - Asn - Leu - Leu - Thr - Arg - Pro - Arg - Tyr - NH ₂		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		
Structure			

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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