

## [Ala31, Aib32]-Neuropeptide Y (Porcine)

Catalog #	Source	Reactivity	Applications
CCP1529	Synthetic		
<b>Description</b>	Peptide to [Ala31, Aib32]-Neuropeptide Y (Porcine)		
<b>Biological Description</b>	First neuropeptide Y5 receptor selective analog of neuropeptide Y in which the common sequence element Ala31-Aib32 represents the key motif for receptor selectivity. Such an (Ala-Aib)-containing agonist with high affinity and selectivity for the Y5 receptor can contribute to the elucidation of the (patho)-physiological relevance of this receptor subtype. For further Y5 receptor agonists please see H-5086 and H-5088.		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	313988-59-9		
<b>Molecular Formula</b>	C187H281N55O56		
<b>Molecular Weight</b>	4194.63		
<b>Purity</b>	> 95%		
<b>Chemical Structure</b>	Tyr - Pro - Ser - Lys - Pro - Asp - Asn - Pro - Gly - Glu - Asp - Ala - Pro - Ala - Glu - Asp - Leu - Ala - Arg - Tyr - Tyr - Ser - Ala - Leu - Arg - His - Tyr - Ile - Asn - Leu - Ala - Aib - Arg - Gln - Arg - Tyr - NH <sub>2</sub>		
<b>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		
<b>Structure</b>			

**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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