

Orexin A, Human, Mouse, Rat, Bovine, Canine, Ovine, Porcine

Catalog #	Source	Reactivity	Applications
CCP1358	Synthetic		

Description	Peptide to Orexin A, Human, Mouse, Rat, Bovine, Canine, Ovine, Porcine
Biological Description	Orexin A (hypocretin-1) is a hypothalamic neuropeptide regulating the feeding behavior. Central administration of orexin A to rats stimulated food consumption in a dose-dependent manner. The effect persisted at 4 h after injection, as orexin A seems to be
Form	Lyophilized powder
CAS Number	205640-90-0
Molecular Formula	C152H247N47O44S4
Molecular Weight	3565.14
Purity	> 95%
Chemical Structure	pGlu - Pro - Leu - Pro - Asp - Cys - Cys - Arg - Gln - Lys - Thr - Cys - Ser - Cys - Arg - Leu - Tyr - Glu - Leu - Leu - His - Gly - Ala - Gly - Asn - His - Ala - Ala - Gly - Ile - Leu - Thr - Leu - NH ₂ (Disulfide bridge Cys6 - Cys12, Cys7 - Cys14)
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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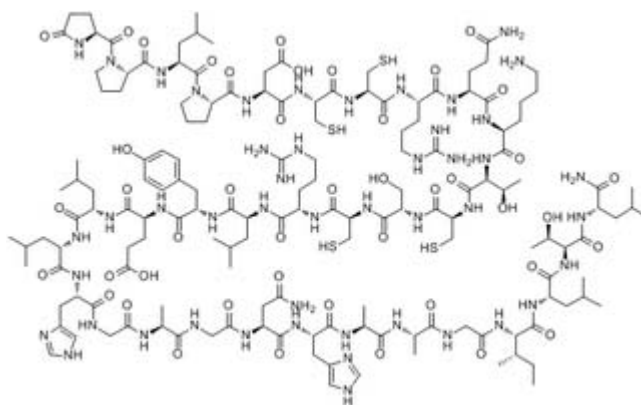
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Product Data Sheet



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