

SP1220**Polyclonal Antibody to Leumorphin - Serum**

Quantity:	0.1 ml
Host:	Rabbit
Immunogen:	Leumorphin AA Sequence: Arg-Ser-Gln-Glu-Asn-Pro-Asn-Thr-Tyr-Ser-Glu-Asp-Leu-Asp-Val (rat 14-28)
Format:	State: Liquid serum Buffer System: PBS containing 0.09% Sodium Azide and 1% Bovine Serum Albumin
Applications:	Immunohistochemistry on frozen sections: 1/200 - 1/2000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody blocks specifically with leumorphin (rat only). Cells are found in the paraventricular and supraoptic nucleus and fibres in the lateral hypothalamus in rat brain of colchicine treated 4% FA perfused tissue.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Drake CT, Terman GW, Simmons ML, Milner TA, Kunkel DD, Schwartzkroin PA, et al. Dynorphin opioids present in dentate granule cells may function as retrograde inhibitory neurotransmitters. J Neurosci. 1994 Jun;14(6):3736-50. PubMed PMID: 7911518. 2. Xu M, Moratalla R, Gold LH, Hiroi N, Koob GF, Graybiel AM, et al. Dopamine D1 receptor mutant mice are deficient in striatal expression of dynorphin and in dopamine-mediated behavioral responses. Cell. 1994 Nov 18;79(4):729-42. PubMed PMID: 7954836. 3. Neal CR, Newman SW. Prodynorphin peptide distribution in the forebrain of the Syrian hamster and rat: a comparative study with antisera against dynorphin A, dynorphin B, and the C-terminus of the prodynorphin precursor molecule. J Comp Neurol. 1989 Oct 15;288(3):353-86. PubMed PMID: 2571622.