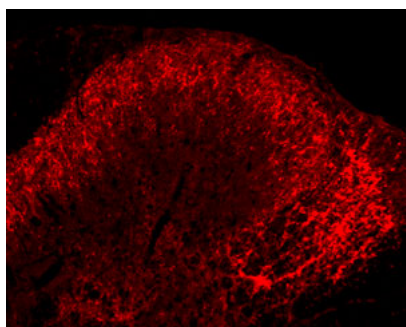


Rabbit polyclonal antibody to human Leu-Enkephalin (230 - 234)

Catalogue No.:	R-1498-50
Description:	Leu-Enkephalin is cleaved from the precursor Proenkephalin-A. Leu-Enkephalin is an endogenous opioid peptide that interacts with opioid receptors and produces analgesic effects.
Batch No.:	See product label
Unit size:	50 ug
Antigen:	Synthetic human Leu-Enkephalin peptide (230 - 234) conjugated to BSA.
Sequence:	YGGFL
Antigen Location:	230-234
Other Names:	Proenkephalin-A; PENK;
Accession:	P01210 PENK_HUMAN;
Produced in:	Rabbit
Applications:	A concentration of 5-10 ug/mL is recommended for immunohistochemistry using formalin fixed and paraffin embedded tissues and for 4% paraformaldehyde fixed frozen tissues. A concentration of 5-15 ug/mL is recommended for immunofluorescence. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Species Against:	Human
Antibody Against:	Leu-Enkephalin
Cross-reactivity:	Human; mouse; rat. Leu-Enkephalin is highly conserved so cross-reactivity with other species is expected. Cross-reactivity with other opioid peptides is as follows: with Met-enkephalin 0.93%; with beta-lipotropin 0.01%; with beta-endorphin 0.01%
Form:	Lyophilised with BSA
Appearance:	White powder
Reconstitution:	Reconstitute in 0.05 mL of PBS (pH 7.4). Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability for up to six months and at 2-8C with an appropriate antibacterial agent for up to one week. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase unopened.



Immunohistochemical staining in rat spinal cord dorsal horn. 4% paraformaldehyde fixed rat brain cryostat sections (10 μ m) were incubated overnight at 4°C with Rabbit polyclonal antibody to human Leu-Enkephalin (10 μ g/ml) followed by incubation with donkey anti-rabbit Rhodamine Red conjugated secondary antibody (1:200).

FOR RESEARCH USE ONLY