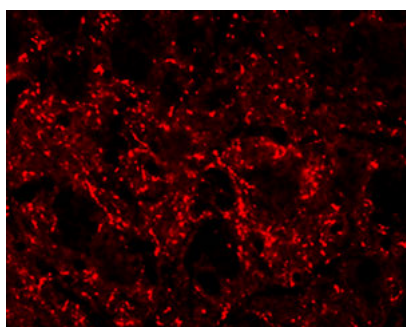




Rabbit polyclonal antibody to human Met-Enkephalin (237-241)

Catalogue No.:	R-1499-50
Description:	Human Methionine enkephalin (Met-Enkephalin) is a small 5 amino acid peptide cleaved from the precursor pro-opiomelanocortin (POMC). Met-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 Met-enkephalin peptide (237-241) conjugated to BSA.
Sequence:	YGGFM
Other Names:	Pro-opiomelanocortin; POMC;
Accession:	P01189 COLI_HUMAN;
Produced in:	Rabbit
Applications:	A dilution of 5-10 ug/mL is recommended for immunohistochemistry using formalin fixed and paraffin embedded tissues and for 4% paraformaldehyde fixed frozen tissues. A dilution 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:	Met-Enkephalin
Cross-reactivity:	Human; mouse; rat. Met-Enkephalin is highly conserved so cross-reactivity with other species is expected. Cross-reactivity with other opioid peptides is as follows: with Leu-enkephalin 5.8%; 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 and at 2-8C with an appropriate antibacterial agent. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase



Immunohistochemical staining in rat brainstem medulla. 4% paraformaldehyde fixed rat brain cryostat sections (10 μm) were incubated overnight at 4 $^{\circ}\text{C}$ with Rabbit polyclonal antibody to human Met-Enkephalin (10 $\mu\text{g}/\text{ml}$) followed by incubation with donkey anti-rabbit Rhodamine Red conjugated secondary antibody (1:200).

FOR RESEARCH USE ONLY