



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Leu-Enkephalin

Leu-enkephalin is an endogenous opioid peptide neurotransmitter that is found naturally in the brains of many animals, including humans. It is one of the two forms of enkephalin; the other is met-enkephalin. The tyrosine residue at position 1 is thought to be analogous to the 3-hydroxyl group on morphine. Leu-enkephalin has agonistic actions at both the μ - and δ -opioid receptors, with significantly greater preference for the latter.

This antibody was generated by immunization of rabbits with Leu-Enkephalin coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4290 (Lot A07690)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	50 μ l
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 μ l distilled water. This will give the equivalent of undiluted antiserum.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-Tyr-Gly-Gly-Phe-Leu-NH coupled to carrier protein.
Protein database:	

Applications:

Tested in immunohistochemistry (IHC) and ELISA against Leu-Enkephalin. Other applications like FACS or Western Blot may work as well.

Optimal dilutions should be determined by the end user.

Please see **bma.ch** for protocols and general information.

Approximate working dilution for IHC:

Frozen sections: not tested yet.

Paraffin sections: 1:500; recommended Proteinase K pre-treatment.

Related Products:

S-1419: Met-Enkephalin ELISA, high sensitivity for extracted samples

S-1541: Leu-Enkephalin ELISA, high sensitivity for extracted samples

T-4288: rabbit anti Leu-Enkephalin, diluted antiserum

T-4289: rabbit anti Leu-Enkephalin, purified IgG

T-4292: rabbit anti Met-Enkephalin, diluted antiserum

T-4297: rabbit anti Met-Enkephalin-Arg-Gly-Leu, purified IgG

T-4298: rabbit anti Met-Enkephalin-Arg-Gly-Leu, neat antiserum

T-4302: rabbit anti Met-Enkephalin-Arg-Phe, neat antiserum

This product contains no preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.