

Leu-Enkephalin Antibody

Leu-Enkephalin, Affinity Purified Antibody, Rabbit

CATALOG # AAA14441	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry
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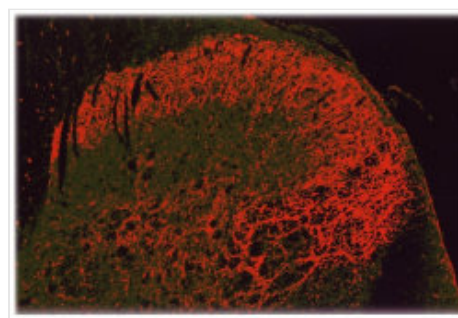
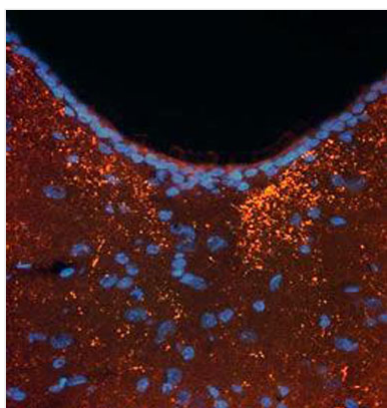
PRODUCT SYNONYMS

Leu-Enkephalin; Affinity Purified Antibody; Rabbit; anti-Leu-Enkephalin antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Form/Format	Lyophilized
Sequence Length	5
Applicable Applications for anti-Leu-Enkephalin antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	Immunohistochemistry: 5-10 ug/ml Immunofluorescence: 5-15 ug/ml Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.
Product Type	Rabbit Polyclonal IgG
Immunogen Sequence	Leu-Enkephalin conjugated to BSA.
Preparation and Storage	The product can be stored as supplied for up to 12 months at 2°C to 4°C. After reconstitution, aliquot and store at -20°C for higher stability or at 4°C with an appropriate antibacterial agent. Avoid freeze thaw-cycles

IMAGES



Application Data

IF (Immunofluorescence)

Leu-Enkephalin is an endogenous opioid peptide that interacts with opioid receptors and produces analgesic effects. Images: Immunohistochemical detection of Leu-Enkephalin in rat ventral periaqueductal grey matter (PAG). Brain was fixed with 4% formaldehyde and cut into 10 µm thick cryostat sections. Tissue was incubated with rabbit polyclonal antibody to Leu-Enkephalin at 10 µg/mL overnight at 4°C followed by incubation with Donkey anti-rabbit Rhodamine Red (pseudo-coloured yellow) conjugated secondary antibodies at 1:200. Tissue was counterstained with DAPI (blue color) to visualize cell nuclei.

ADDITIONAL INFORMATION

Related Product Information for anti-Leu-Enkephalin antibody	leu-enkephalin (tyr-gly-gly-phe-leu) is a pentapeptide which compete with and mimic the effects of opiate drugs. It is involved in modulation of nociceptive pain.
Product Categories/Family for anti-Leu-Enkephalin antibody	Antibodies ; Neuropeptide and Neuropeptide Receptors ; Leu-Enkephalin

NCBI AND UNIPROT INFORMATION

NCBI GI #	627114
NCBI Official Full Name	Leu-enkephalin - blue mussel

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/leu-enkephalin/14441>