

Product: Anti-Enkephalin
Catalog #: 03-16020
Amount: 100 ml

CATEGORY: Rabbit Polyclonal
IMMUNOGEN: Synthetic met-enkephalin conjugated to BSA
FORM: Serum containing 0.1% Sodium Azide
DESCRIPTION/SPECIFICITY: Enkephalins are small peptides derived from large precursors (pro-enkephalin A and B) containing multiple enkephalin copies. They are the most abundant opioid peptides in the body and are widely distributed in the brain and the peripheral nervous system and occur also in the adrenal medulla. Several types of neuroendocrine tumors, including pheochromocytomas, neuroblastomas and bronchial and gastrointestinal endocrine tumors, produce enkephalin. Absorption with 10-100 µg immunogen per ml diluted antiserum abolishes the staining, while β-endorphin does not. Bouin-fixed paraffin sections of cat ileum

POSITIVE CONTROL:
ANTIGEN RECOGNIZED IN SPECIES (tested so far): Pig, cat
APPLICATION: Immunofluorescence microscopy
Immunohistochemistry, suitable in paraffin and frozen sections

WORKING DILUTION: 1:20 to 1:40 (PAP)
1:10 to 1:20 for immunofluorescence with overnight incubation at 2-8°C

DILUTION BUFFER: 0.1M PBS containing 1% BSA and 0.1 % sodium azide
STORAGE: 2-8°C for immediate use, or at -20°C (aliquot) for extended storage

REFERENCES:
Thesleff, P. et al. (1987) Gut **30** (10): 1298-1301

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