

**Product:**            **Anti- $\beta$ -Endorphin/ $\beta$ -Lipotropin**  
**Catalog #:**        **03-16019**  
**Amount:**           **200 ml**

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**CATEGORY:**                   **Rabbit Polyclonal**  
**IMMUNOGEN:**                Synthetic human  $\beta$ -Endorphin  
**FORM:**                         Serum containing 0.1% sodium azide  
**DESCRIPTION/SPECIFICITY:**  $\beta$ -Endorphin occurs in ACTH- and MSH-cells of the pituitary.  
It occurs also in scattered cells in the adrenal medulla and in  
nerves of the brain and gut. It may occur in tumors of the pituitary,  
bronchial and gastrointestinal carcinoids.  
Absorption with 10-100  $\mu$ g  $\beta$ -Endorphin and  $\beta$ -Lipotropin per ml  
diluted antiserum abolishes the staining, while met-Enkephalin and  
leu-Enkephalin do not.  
**POSITIVE CONTROL:**         Formalin-fixed paraffin sections of pig pituitary  
**ANTIGEN RECOGNIZED IN**  
**SPECIES (tested so far):**     Human, Pig  
**APPLICATION:**                Immunohistochemistry on frozen and paraffin sections  
**WORKING DILUTION:**         1:5 to 1:10 (PAP) with overnight incubation at 2-8°C)  
**DILUTION BUFFER:**            0.1 M PBS containing 1% BSA and 0.1 % sodium azide  
**STORAGE:**                     2-8°C for immediate use, or at -20°C (aliquot)

**REFERENCE:**  
Leander, S. et al. (1984) Cell Tissue Res. **235**: 521-531

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