

Product: Anti-Bombesin/GRP
Catalog #: 03-16003
Amount: 100 ml

CATEGORY: Rabbit Polyclonal
IMMUNOGEN: Bombesin conjugated to BSA
FORM: Serum containing 0.1% sodium azide
DESCRIPTION/SPECIFICITY: Bombesin is an amphibian peptide and the mammalian counterpart is referred to as Gastrin Releasing Peptide (GRP). Bombesin/GRP is widely distributed in the brain, in peripheral nerves (particularly numerous in the gut) and in endocrine cells of some sub-mammalian species, e.g. in the oxyntic mucosa of birds. The peptide stimulates secretion from endocrine and exocrine cells and intestinal smooth muscle activity. Bombesin/GRP occurs frequently in the bronchial carcinoids. Absorption with 10-100 µg bombesin and GRP per ml diluted antiserum abolishes the staining. Formalin-fixed paraffin and frozen sections of rat or chicken stomach

POSITIVE CONTROL:
ANTIGEN RECOGNIZED IN SPECIES: Human, rat and chicken
APPLICATION: Immunohistochemistry, suitable in frozen and paraffin-embedded sections; Immunofluorescence

WORKING DILUTION: 1:100 to 1:150 using PAP, with overnight incubation at 4°C
1:20 to 1:40 (with FITC in immunofluorescence, overnight incubation at 4°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:
Ekblas, E. et al. (1984) Reg. Pept. **9**: 279-287

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