Polyclonal Antibody to Bombesin/GRP

Category: Rabbit polyclonal
Form/Purification: Undiluted rabbit serum (lyoph.)
Immunogen: Bombesin (#7113, Peninsula), conjugated to BSA

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.

Positive Control: Formalin-fixed paraffin and frozen sections of rat or chicken stomach
Species tested so far: Human, rat, chicken

Application: • Immunohistochemistry
              • Suitable for frozen and paraffin sections

Reconstitution: Dissolve the antiserum in 50 – 100 µl distilled water, and dilute further in 0.1 M PBS with 1% BSA and 0.1% NaN₃.

                  1:400 - 1:800 (with FITC in immunofluorescence microscopy)
                  with overnight incubation at 2-8°C.

Storage: At 2-8°C (undiluted) or at -20°C ( aliquots)

Quantity / Volume: 50 µl (lyoph.)

Reference:

Cat. No. 16003