



Bombesin

CATALOG NUMBER: MUB0202S

SPECIES / ISOTYPE: rabbit polyclonal Ig

PRODUCT FORM: antiserum

BACKGROUND - APPLICATION

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 and in peripheral nerves (particularly numerous in the gut). Bombesin/GRP occurs frequently in bronchial carcinoids.

Ekblad, E. et al. (1984) GRP neurons in the rat small intestine issue long anal projections. *Reg. Pept.* 9:279-287.

Gomi, T. et al. (1994) Immunocytochemical survey of the neuro-epithelial endocrine system in the respiratory tract of the Tokyo salamander, *Hinobis nebulosus tokyensis* TAGO. *Histochemistry* 102: 425-431.

SOURCE

This polyclonal anti-Bombesin antibody is a rabbit polyclonal antibody. The rabbits were immunized with Bombesin (Code 7113, peninsula), conjugated to BSA.

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PRODUCT

Each vial contains 250 µl polyclonal antiserum containing 0.09 % sodium azide.

SPECIFICITY

Absorption with 10-100 µg bombesin and GRP per ml diluted antiserum abolishes the staining.

Bombesin works on paraffin and frozen sections.

Working dilution: 1:2000-1:3000 using PAP, or 1:400-1:800 using FITC with over-night incubation at 4°C.

SPECIES REACTIVITY

Human, rat, chicken tissues.

POSITIVE CONTROL

Formalin-fixed paraffin sections of rat or chicken stomach.

STORAGE

Store at +4 - +8°C until expiry date. Reconstituted in small aliquots for prolonged storage at -20°C.

REFERENCES

WARNING and CAUTION

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals.

This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strong acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water.

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