

Product datasheet

anti-Bombesin rabbit polyclonal, serum

Short overview

Cat. No.	16003
Quantity	50 µl (lyoph.)

Product description

Host	Rabbit
Antibody Type	Polyclonal
Immunogen	Bombesin (#7113, Peninsula), conjugated to BSA
Formulation	Lyophilized; reconstitute in 100 µl dist. water
Conjugate	Unconjugated
Purification	Undiluted antiserum
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC
Reactivity	Chicken, Human, Rat

Applications

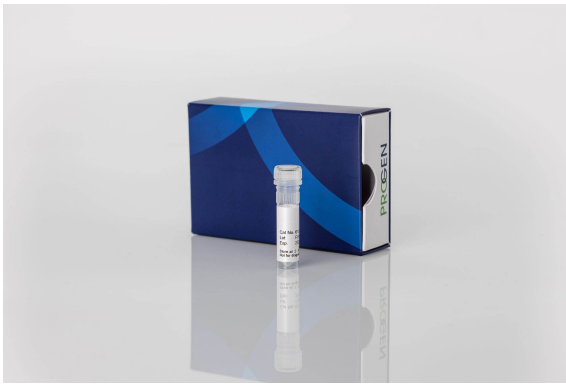
Immunohistochemistry (IHC) - frozen	1:800-1:3,000
Immunohistochemistry (IHC) - paraffin	1:800-1:3,000 (microwave treatment recommended)

Background

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.

Product images



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