Polyclonal Antibody to Helospectin

Category
Rabbit polyclonal

Form/Purification
Undiluted rabbit serum (lyoph.)

Immunogen
Synthetic lizard helospectin I (#7148, Peninsula)

Description/Specificity
The peptide was found in the salivary gland venom of the lizard Gila monster. It belongs to the VIP-secretin family of peptides and has many VIP-like actions. Helospectin-immunoreactivity has been demonstrated in the neurons of the gut. Absorption with 10-100 µg helospectin per ml diluted antiserum abolishes the staining, while secretin, PHI and PACAP do not. Cross-reacts with helodermin.

Positive Control
Stefanini-fixed frozen sections of rat small intestine (1% carbodiimide added to the fixative)

Species tested so far
Rat, mouse, cat, dog

Application
- Immunofluorescence microscopy
- Suitable for frozen 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.

Working Dilution
1:400 – 1:800 using immunofluorescence microscopy with overnight incubation at 2-8°C.

Storage
At 2-8°C (lyoph.) or at -20°C (aliquots)

Quantity / Volume
50 µl (lyoph.)

References

Cat. No. 16040