

Product datasheet

anti-PACAP-Related Peptide rabbit polyclonal, serum

Short overview

Cat. No.	16064
Quantity	50 µl (lyoph.)

Product description

Host	Rabbit
Antibody Type	Polyclonal
Immunogen	Synthetic rat PRP (Pensinsula), conjugated to BSA
Formulation	Lyophilized; reconstitute in 100 µl dist. water
UniprotID	P13589 (Rat)
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	ICC/IF, IHC
Reactivity	Rat

Applications

Immunocytochemistry (ICC)	Assay dependent
Immunohistochemistry (IHC) - frozen	1:400-1:800

Background

Pituitary adenylate cyclase activating peptide (PACAP), originally isolated from ovine hypothalamus, belongs to the VIP-family of peptides. PACAP-related peptide (PRP) is a 29-amino acid peptide, which is produced together with PACAP-27 and PACAP-38 when PreproPACAP is being processed. PRP is abundant in the brain, but can be also found in the respiratory and gastrointestinal tracts. Absorption with 10-100 µg immunogen per ml diluted antiserum abolishes the staining, while PACAP-27, PACAP-38, VIP, PHI, CRF, oxytocin and vasopressin do not. Positive control: Stefanini-fixed frozen sections of rat duodenum, fundus or antrum.

Product images



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