

## Product datasheet

### anti-PACAP-Related Peptide rabbit polyclonal, serum

#### Short overview

<b>Cat. No.</b>	16064
<b>Quantity</b>	50 µl (lyoph.)

#### Product description

<b>Host</b>	Rabbit
<b>Antibody Type</b>	Polyclonal
<b>Immunogen</b>	Synthetic rat PRP (Pensinsula), conjugated to BSA
<b>Formulation</b>	Lyophilized; reconstitute in 100 µl dist. water
<b>UniprotID</b>	P13589 (Rat)
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Undiluted antiserum
<b>Storage before reconstitution</b>	2-8°C until indicated expiry date
<b>Storage after reconstitution</b>	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
<b>Intended use</b>	Research use only
<b>Application</b>	ICC/IF, IHC
<b>Reactivity</b>	Rat

#### Applications

<b>Immunocytochemistry (ICC)</b>	Assay dependent
<b>Immunohistochemistry (IHC) - frozen</b>	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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