



# PACAP Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-10720                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>                | IHC;IF;ELISA                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Name</b>                   | PACAP HSPC190                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen</b>                   | Synthetic peptide from human protein at AA range: 1-50                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Specificity</b>                 | The antibody detects endogenous PACAP                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                     |
| <b>Dilution</b>                    | IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>                    | HSPC190;hypothetical protein MGC29506;Marginal zone B- and B1-cell-specific protein;MEDA7;MEDA-7;PACAP;PACAP HSPC190;Plasma cell-induced resident endoplasmic reticulum protein (Plasma cell-induced resident ER protein) (pERp1) (Proapoptotic caspase adapter protein);Plasma cell-induced resident endoplasmic reticulum protein (Plasma cell-induced resident ER protein;pERp1; Proapoptotic caspase adapter protein) |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Calculated Molecular Weight</b> |                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>                | [Isoform 1]: Endoplasmic reticulum lumen . Secreted .; [Isoform 2]: Cytoplasm . Diffuse granular localization in the cytoplasm surrounding the nucleus (PubMed:11350957).                                                                                                                                                                                                                                                 |
| <b>Tissue Specificity</b>          | Widely expressed with highest levels in adult brain, small intestine and lymphoid tissues such as thymus and spleen. Expression is frequently lower in intestinal-type gastric cancer. In obese patients, more abundant in omental than in subcutaneous fat.                                                                                                                                                              |
| <b>Function</b>                    | function:May be involved in regulation of apoptosis.,induction:Down-regulated in primary B-cells early after ligand-stimulated activation.,subcellular location:In (PubMed:11350957) diffuse granular localization in the cytoplasm surrounding                                                                                                                                                                           |



the nucleus.,subunit:Isoform 2 interacts with CASP2 and CASP9.,tissue specificity:Widely expressed with highest levels in adult brain. Expression is frequently lower in intestinal-type gastric cancer.,

#### Background

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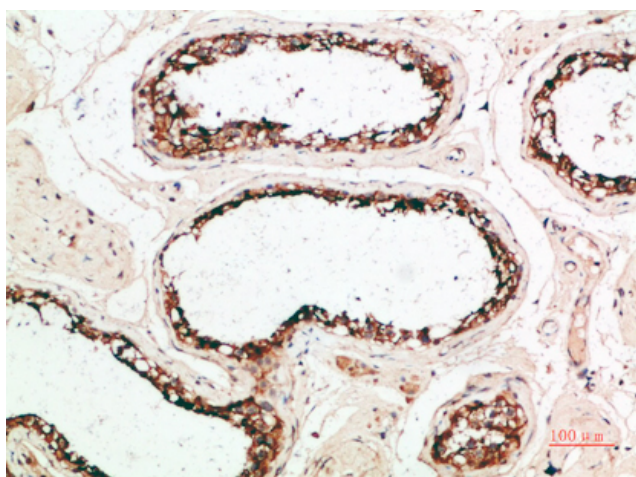
#### matters needing attention

Avoid repeated freezing and thawing!

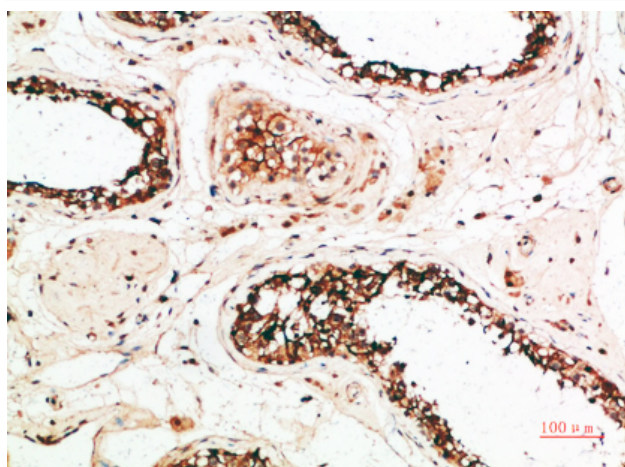
#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

### Products Images



Immunohistochemical analysis of paraffin-embedded human-testis, antibody was diluted at 1:200



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