

# Immunotag™ PACAP Polyclonal Antibody

| Antibody Specification |                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.            | ITT5998                                                                                                                                                            |
| Product Description    | Immunotag™ PACAP Polyclonal Antibody                                                                                                                               |
| Size                   | 50 µg, 100 µg                                                                                                                                                      |
| Conjugation            | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647                                      |
| IMPORTANT NOTE         | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein         | PACAP                                                                                                                                                              |
| Clonality              | Polyclonal                                                                                                                                                         |
| Storage/Stability      | -20°C/1 year                                                                                                                                                       |
| Application            | IHC-p,ELISA                                                                                                                                                        |
| Recommended Dilution   | IHC-p 1:50-200, ELISA 1:10000-20000                                                                                                                                |
| Concentration          | 1 mg/ml                                                                                                                                                            |
| Reactive Species       | Human                                                                                                                                                              |
| Host Species           | Rabbit                                                                                                                                                             |
| Immunogen              | Synthetic peptide from human protein at AA range: 1-50                                                                                                             |
| Specificity            | The antibody detects endogenous PACAP                                                                                                                              |
| Purification           | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen                                               |
| Form                   | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                            |
| Gene Name              | PACAP HSPC190                                                                                                                                                      |
| Accession No.          | Q8WU39 Q9D8I1                                                                                                                                                      |
| Alternate Names        | Plasma cell-induced resident endoplasmic reticulum protein (Plasma cell-induced resident ER protein) (pERp1) (Proapoptotic caspase adapter protein)                |

## Antibody Specification

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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description              | 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., |
| Protein Expression       | B-cell,Lymph,Thymus,Umbilical cord blood,                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Subcellular Localization | extracellular region,cytoplasm,endoplasmic reticulum lumen,endoplasmic reticulum chaperone complex,                                                                                                                                                                                                                                                                                                                                                       |
| Protein Function         | 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., |
| Usage                    | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                                                                      |