# Product datasheet

## anti-Plakophilin 3 guinea pig polyclonal, serum

### Short overview

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|---|---|
| **Cat. No.** | GP-PP3 |
| **Quantity** | 100 µl |

### Product description

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|---|---|
| **Host** | Guinea pig |
| **Antibody Type** | Polyclonal |
| **Immunogen** | Human recombinant plakophilin 3 peptide (aa 277-474) purified from E. coli |
| **Formulation** | Contains 0.09% sodium azide and 0.5% BSA |
| **UniprotID** | Q9Y446 (Human) |
| **Synomym** | Plakophilin-3, PKP3 |
| **Note** | Centrifuge prior to opening |
| **Conjugate** | Unconjugated |
| **Purification** | Stabilized antiserum |
| **Storage** | Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles |
| **Intended use** | Research use only |
| **Application** | IHC, WB |
| **Reactivity** | Human |

### Applications

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|---|---|
| **Immunohistochemistry (IHC) - frozen** | 1:100 (also after paraformaldehyde fixation) |
| **Western Blot (WB)** | 1:1,000 |

### Background

PP3-1 antiserum staining for plakophilin 3 is seen in most desmosomes and partly dispersed in cytoplasm under various fixation conditions (FA, MeAc long, MeAc short):

Positive tissues: - Stratified squamous epithelia: palmar, epidermis, scalp skin - Stratified epithelia: tongue, vagina, esophagus - Transitional epithelia: bladder - Non-stratified (single layered) epithelia: colon, duodenum, pancreas, several glands - Non-epithelial: reticulum cells of lymph node follicle

Negative tissues:- Liver, heart, skeletal muscle, endothelia (vessels)

### Product images



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