Periphilin antibody (pAb)

Rabbit Anti-Human/Mouse Periphilin-1 (PPHLN1, gastric cancer antigen Ga50)

Catalog Number | PK-AB718-6687
Synonyms | Periphilin Antibody: Periphilin-1, PPHLN1, gastric cancer antigen Ga50
Description | Periphilin, known as PPHLN1 or gastric cancer antigen Ga50, plays a role in epithelial differentiation and contributes to epidermal integrity and barrier formation. It interacts with periplakin, a known precursor of the cornified cell envelope. Periphilin 1 is ubiquitously expressed and localizes to nucleus and cytoplasm. Existing as eight alternatively spliced isoforms, Periphilin is highly insoluble and contains a putative nuclear localization signal (NLS) within its N-terminal half, a prerequisite for the formation of insoluble complexes and a possible caspase recognition sequence and a potential nuclear export signal. Periphilin may play an important role in the nervous system.
Quantity | 100 µg
Source / Host | Rabbit
Immunogen | Periphilin antibody was raised against a 16 amino acid synthetic peptide near the center of human Periphilin.
Purification Method | Affinity chromatography purified via peptide column.
Clone / IgG Subtype | Polyclonal antibody
Species Reactivity | Human, Mouse
Specificity | Formulation
Antibody is supplied in PBS containing 0.02% sodium azide.
Reconstitution | During shipment, small volumes of antibody will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µl or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container’s cap.
Storage & Stability | Antibody can be stored at 4°C for three months and at -720°C for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Applications | E, WB, IHC, IF     | Note: Antibody might be suitable for other applications not tested so far. Optimal concentrations for each application have to be determined individually.
Periphilin antibody can be used for detection of Periphilin by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 5 µg/mL.
Images | Available upon request.
Soehn AS, Pham TT, Schaeferhoff K, et al. Periphilin is strongly expressed in the murine nervous system and is indispensable for murine development. Genesis 2009; 47:697-707
Images | Available upon request.
Related Products | Cat. No. PK-AB718-6687P - Periphilin Peptide
Cat. No. PK-AB718-1411 - Mouse Colon Tissue Lysate

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