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PKP3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14907b

Specification

PKP3 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9Y446

PKP3 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 11187

Other Names
Plakophilin-3, PKP3

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PKP3 Antibody (C-term) Blocking Peptide - Protein Information

Name PKP3

Function
May play a role in junctional plaques.

Cellular Location
Nucleus. Cell junction, desmosome. Note=Nuclear and associated with desmosomes

Tissue Location
Isoform PKP3a is found in desmosomes of most simple and stratified epithelia. Not found in foreskin fibroblasts and various sarcoma-derived cell lines. Beside dendritic reticular cells of lymphatic follicles not found in non-epithelial desmosome-bearing tissues. Isoform PKP3b is abundant in the desmosomes of stratified epithelial cell but absent in simple epithelial cells, it is also expressed in the colon and its tumors.

PKP3 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

PKP3 Antibody (C-term) Blocking Peptide - Images

PKP3 Antibody (C-term) Blocking Peptide - Background

This gene encodes a member of the arm-repeat (armadillo)and plakophilin gene families. Plakophilin proteins containnumerous armadillo repeats, localize to cell desmosomes and nuclei,and participate in linking cadherins to intermediate filaments inthe cytoskeleton. This protein may act in cellulardesmosome-dependent adhesion and signaling pathways. [provided byRefSeq].

PKP3 Antibody (C-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Valladares-Ayerbes, M., et al. Cancer Epidemiol. Biomarkers Prev. 19(6):1432-1440(2010)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Kundu, S.T., et al. Int. J. Cancer 123(10):2303-2314(2008)Valladares-Ayerbes, M., et al. Cancer Detect. Prev. 32(3):236-250(2008)