10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KRT7 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP14897a

Specification

KRT7 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P08729

KRT7 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 3855

Other Names
Keratin, type II cytoskeletal 7, Cytokeratin-7, CK-7, Keratin-7, K7, Sarcolectin, Type-II keratin Kb7, KRT7, SCL

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.

KRT7 Antibody (N-term) Blocking Peptide - Protein Information

Name KRT7

Synonyms SCL

Function
Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7).

Cellular Location
Cytoplasm.

Tissue Location
Expressed in cultured epidermal, bronchial and mesothelial cells but absent in colon, ectocervix and liver. Observed throughout the glandular cells in the junction between stomach and esophagus but is absent in the esophagus.

KRT7 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

KRT7 Antibody (N-term) Blocking Peptide - Images

KRT7 Antibody (N-term) Blocking Peptide - Background

The protein encoded by this gene is a member of thekeratin gene family. The type II cytokeratins consist of basic orneutral proteins which are arranged in pairs of heterotypic keratinchains coexpressed during differentiation of simple and stratifiedepithelial tissues. This type II cytokeratin is specificallyexpressed in the simple epithelia lining the cavities of theinternal organs and in the gland ducts and blood vessels. The genesencoding the type II cytokeratins are clustered in a region ofchromosome 12q12-q13. Alternative splicing may result in severaltranscript variants; however, not all variants have been fullydescribed.

KRT7 Antibody (N-term) Blocking Peptide - References

Tsai, Y.Y., et al. Acta Derm. Venereol. 90(4):438-439(2010)Stewart, C.J., et al. Histopathology 57(1):46-54(2010)Nagashio, R., et al. Pathol. Int. 60(2):71-77(2010)Sano, M., et al. Int. J. Oncol. 36(2):321-330(2010)Park, S., et al. Pathology 41(7):640-644(2009)