

SPRR1B Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9052b**Specification**

SPRR1B Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P22528](#)**SPRR1B Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 6699**Other Names**

Cornifin-B, 149 kDa pancornulin, Small proline-rich protein IB, SPR-IB, SPRR1B

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9052b](/products/AP9052b) was selected from the C-term region of human SPRR1B. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

SPRR1B Antibody (C-term) Blocking Peptide - Protein Information**Name** SPRR1B**Function**

Cross-linked envelope protein of keratinocytes. It is a keratinocyte protein that first appears in the cell cytosol, but ultimately becomes cross-linked to membrane proteins by transglutaminase. All that results in the formation of an insoluble envelope beneath the plasma membrane. Can function as both amine donor and acceptor in transglutaminase-mediated cross-linkage.

Cellular Location

Cytoplasm.

Tissue Location

Suprabasal layers of squamous-differentiated tissues such as epidermis, esophagus, tongue and trachea

SPRR1B Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SPRR1B Antibody (C-term) Blocking Peptide - Images

SPRR1B Antibody (C-term) Blocking Peptide - Background

SPRR1B is a keratinocyte protein that first appears in the cell cytosol, but ultimately becomes cross-linked to membrane proteins by transglutaminase. All that results in the formation of an insoluble envelope beneath the plasma membrane. Can function as both amine donor and acceptor in transglutaminase-mediated cross-linkage.

SPRR1B Antibody (C-term) Blocking Peptide - References

Stemmler,S., et.al., Int. J. Immunogenet. 36 (4), 217-222 (2009)Kainu,K., et.al., Exp. Dermatol. 18 (2), 109-115 (2009)