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CALL5 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP5581a

Specification

CALL5 Antibody (N-term) Blocking peptide - Product Information

Primary Accession	Q9NZT1
Other Accession	NP_059118.2

CALL5 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 51806

Other Names
Calmodulin-like protein 5, Calmodulin-like skin protein, CALML5, CLSP

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.

CALL5 Antibody (N-term) Blocking peptide - Protein Information

Name CALML5

Synonyms CLSP

Function
Binds calcium. May be involved in terminal differentiation of keratinocytes.

Tissue Location
Particularly abundant in the epidermis where its expression is directly related to keratinocyte differentiation. Very low expression in lung

CALL5 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

CALL5 Antibody (N-term) Blocking peptide - Images

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CALL5 Antibody (N-term) Blocking peptide - Background

This gene encodes a novel calcium binding proteinexpressed in the epidermis and related to the calmodulin family ofcalcium binding proteins. Functional studies with recombinantprotein demonstrate it does bind calcium and undergoes aconformational change when it does so. Abundant expression isdetected only in reconstructed epidermis and is restricted todifferentiating keratinocytes. In addition, it can associate withtransglutaminase 3, shown to be a key enzyme in the terminaldifferentiation of keratinocytes.

CALL5 Antibody (N-term) Blocking peptide - References

Durussel, I., et al. Biochemistry 41(17):5439-5448(2002)Mehul, B., et al. J. Invest. Dermatol. 116(6):905-909(2001)Mehul, B., et al. J. Biol. Chem. 275(17):12841-12847(2000)