

CALML5

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 16kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CALML5

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

di

Synonym:

CLSP;

Catalog #: A7808

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 51806

Isotype: IgG

Swiss Prot: Q9NZT1

Purity: Affinity purification

For research use only.

Background:

This gene encodes a novel calcium binding protein expressed in the epidermis and related to the calmodulin family of calcium binding proteins. Functional studies with recombinant protein demonstrate it does bind calcium and undergoes a conformational change when it does so. Abundant expression is detected only in reconstructed epidermis and is restricted to differentiating keratinocytes. In addition, it can associate with transglutaminase 3, shown to be a key enzyme in the terminal differentiation of keratinocytes.

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