

CALML5 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01125
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CALML5. AA range:96-146
Mol wt	15921
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	CALML5 Antibody
Synonyms	CALML5; CLSP; Calmodulin-like protein 5; Calmodulin-like skin protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CALML5 (calmodulin like 5) 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.

Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year

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