## **CALML5 Rabbit Polyclonal Antibody**



## **CAB7808**

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

16kDa

15kDa

**Calculated MW:** 

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

**Gene ID:** 51806

Uniprot

Q9NZT1

**Synonyms:** CALML5; CLSP

**Antibody Information** 

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50

- 1:200

Source:

Rabbit

Isotype:

lgG

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-146 of human CALML5 (NP\_059118.2).

Storage:

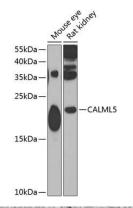
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

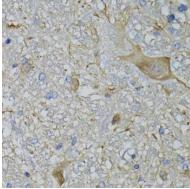
**Purification:** 

Affinity purification

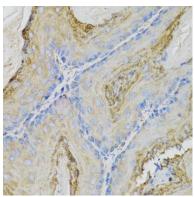
## **Product Images**



Western blot analysis of extracts of various cell lines, using CALML5 antibody (CAB7808) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded mouse brain using CALML5 antibody (CAB7808) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse stomach using CALML5 antibody (CAB7808) at dilution of 1:100 (40x lens).