

CALML5 Rabbit Polyclonal Antibody

Catalog No: #55333

Package Size: #55333-1 50ul #55333-2 100ul

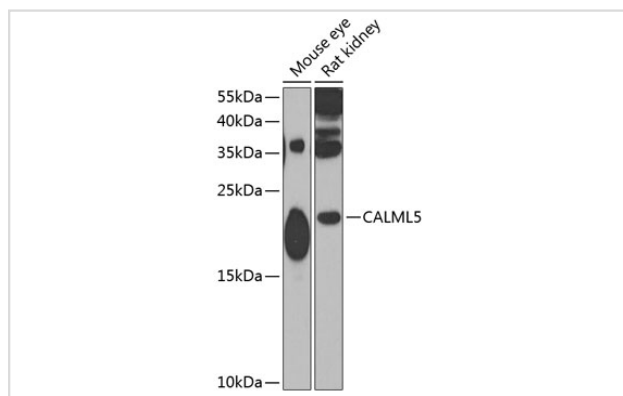
Description

Product Name	CALML5 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human CALML5 (NP_059118.2).
Conjugates	Unconjugated
Other Names	CALML5;CLSP
Accession No.	Uniprot:Q9NZT1GeneID:51806
Calculated MW	15kDa
SDS-PAGE MW	16kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using CALML5 antibody.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.