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Datasheet for ABIN7467800

anti-CALML5 antibody

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Go to	Pro	du	ct	pa	ige

Overview	
Quantity:	100 μL
Target:	CALML5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CALML5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human CALML5.
	The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	CALML5
Alternative Name:	calmodulin like 5 (CALML5 Products)
Background:	Calmodulin like 5, CLSP,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

Target Details

	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. [provided by
	RefSeq]
Molecular Weight:	16 kDa
Gene ID:	51806
UniProt:	Q9NZT1
Pathways:	Phototransduction
Application Details	
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined
	by the researcher. Not tested in other applications.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE
	which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.