10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CALML4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10243b

Product Information

Application	WB, E
Primary Accession	Q96GE6
Other Accession	NP_001026903.2, NP_219501.2
Reactivity	Human, Mouse
Predicted	Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27179
Calculated MW	21883
Antigen Region	167-196

Additional Information

Gene ID	91860
Other Names	Calmodulin-like protein 4, Serologically defined breast cancer antigen NY-BR-20, CALML4
Target/Specificity	This CALML4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 167-196 amino acids from the C-terminal region of human CALML4.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CALML4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

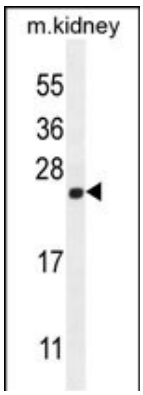
Name	CALML4 (HGNC:18445)
Function	As part of the intermicrovillar adhesion complex/IMAC plays a role in epithelial brush border differentiation, controlling microvilli organization and

	length. Acts as a light chain for MYO7B and is required for efficient targeting of the IMAC to the tips of border brush microvilli.
Cellular Location	[Isoform 1]: Cell projection, microvillus. Note=Enriched at the distal tips of enterocyte microvilli.
Tissue Location	[Isoform 1]: Expressed in the intestinal tract.

References

Scanlan, M.J., et al. Cancer Immun. 1, 4 (2001) :

Images



CALML4 Antibody (C-term) (Cat. #AP10243b) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the CALML4 antibody detected the CALML4 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.