SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CPAMD8 antibody

Catalog Number: SL14018R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CPAMD8
Immunogen:	KLH conjugated synthetic peptide derived from human CPAMD8: 51-200/1885
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Dog, Cow)
Predicted MW.:	204kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	CPAMD8 belongs to the complement component-3 (C3; MIM 120700)/alpha-2-macroglobulin (A2M; MIM 103950) family of proteins, which are involved in innate immunity and damage control. Complement components recognize and eliminate pathogens by direct binding or by mediating opsonization/phagocytosis and intracellular killing, and A2M is a broad-spectrum protease inhibitor (Li et al., 2004 [PubMed 15177561]).[supplied by OMIM, Mar 2008] **Function:** Highly expressed in the kidney, brain and testis and to a lower extent in heart, liver and small intestine. **Subcellular Location:** Secreted. Cell membrane.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Post-translational modifications: Proteolytically cleaved into 2 chains of about 70 and 130 kDa. The fragments are not connected by disulfide bonds. **Similarity:** Belongs to the protease inhibitor I39 (alpha-2-macroglobulin) family. Contains 1 Kazal-like domain. **Database links:** **Entrez Gene:** 27151 Human Omim: 608841 Human **SwissProt:** Q8IZJ3 Human **Unigene:** 631644 Human

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