

CPAMD8 Rabbit pAb

CPAMD8 Rabbit pAb

Catalog # AP55383

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8IZJ3
Predicted	Dog, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	206702
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CPAMD8
Epitope Specificity	51-200/1885
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
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.
Background Descriptions	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]

Additional Information

Gene ID	27151
Other Names	C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8, CPAMD8 (HGNC:23228)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CPAMD8 (HGNC:23228)
Cellular Location	Secreted. Cell membrane; Peripheral membrane protein; Extracellular side
Tissue Location	Highly expressed in the kidney, brain and testis and to a lower extent in heart, liver and small intestine (PubMed:15177561). Expressed in the lens, cornea and retina. Strongly expressed in the distal tips of the retinal neuroepithelium that form the iris and ciliary body (PubMed:27839872)

Background

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

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