

Anti-Complement C4a Antibody (aa680-756)

Rabbit Anti Human Polyclonal Antibody Catalog # ALS17343

Specification

Anti-Complement C4a Antibody (aa680-756) - Product Information

Application WB, IHC-P, E
Primary Accession POCOL4
Predicted Human
Host Rabbit
Clonality Polyclonal

Isotype IgG

Dilution WB~~1:1000 IHC-P~~N/A E~~N/A

Anti-Complement C4a Antibody (aa680-756) - Additional Information

Gene ID 720;721

Alias Symbol C4A

Other Names

C4A, C4S, C4A anaphylatoxin, C4A2, C4A3, Complement C4-A, Complement C4A, Complement component 4A, CPAMD2, CO4, Acidic C4, Acidic complement C4, Rodgers form of C4, C4, C4A4, C4A6, C4AD, RG

Target/Specificity

Human Complement C4a

Reconstitution & Storage

PBS, pH 7.4, 0.02% sodium azide, 50% glycerol. Store frozen product at or below -20°C. Thawed product may be stored for 2-4 weeks at 4°C. For optimal storage, aliquot to smaller portions and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Precautions

Anti-Complement C4a Antibody (aa680-756) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Complement C4a Antibody (aa680-756) - Protein Information

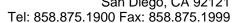
Name C4A {ECO:0000303|PubMed:6546707, ECO:0000312|HGNC:HGNC:1323}

Function

Precursor of non-enzymatic components of the classical, lectin and GZMK complement pathways, which consist in a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system.

Cellular Location







Secreted. Synapse Cell projection, axon. Cell projection, dendrite [Complement C4b-A]: Secreted. Cell surface. Note=Covalently associated with the surface of pathogens: the internal thioester bond reacts with carbohydrate antigens on the target surface to form amide or ester bonds.

Tissue Location

Complement component C4 is expressed at highest levels in the liver, at moderate levels in the adrenal cortex, adrenal medulla, thyroid gland, and the kidney, and at lowest levels in the heart, ovary, small intestine, thymus, pancreas and spleen (PubMed:11367523). The extra-hepatic sites of expression may be important for the local protection and inflammatory response (PubMed:11367523).

Volume Array

Anti-Complement C4a Antibody (aa680-756) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-Complement C4a Antibody (aa680-756) - Images