
Product Name: C6 Rabbit Polyclonal Antibody**Catalog #: APRab07755**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Molecular Weight	85-105kDa

Antigen Information

Gene Name	C6
Alternative Names	C6; Complement component C6
Gene ID	729.0
SwissProt ID	P13671
Immunogen	The antiserum was produced against synthesized peptide derived from human C6. AA range:221-270

Background

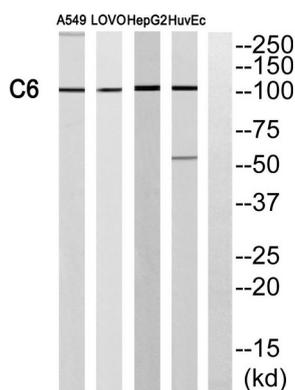
This gene encodes a component of the complement cascade. The encoded protein is part of the membrane attack complex

that can be incorporated into the cell membrane and cause cell lysis. Mutations in this gene are associated with complement component-6 deficiency. Transcript variants encoding the same protein have been described.[provided by RefSeq, Nov 2012],disease:Defects in C6 are the cause of complement component 6 deficiency (C6D) [MIM:612446],function:Involved in the formation of the lytic c5b-9m complex.,online information:C6 mutation db,polymorphism:The sequence shown is that of allotype C6 B.,PTM:All cysteine residues are assumed to be cross-linked to one another. Individual modules containing an even number of conserved cysteine residues are supposed to have disulfide linkages only within the same module.,similarity:Belongs to the complement C6/C7/C8/C9 family.,similarity:Contains 1 EGF-like domain.,similarity:Contains 1 LDL-receptor class A domain.,similarity:Contains 1 MACPF domain.,similarity:Contains 2 Sushi (CCP/SCR) domains.,similarity:Contains 3 TSP type-1 domains.,

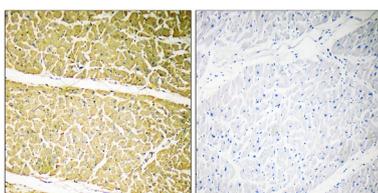
Research Area

Complement and coagulation cascades;Prion diseases;Systemic lupus erythematosus;

Image Data



Western blot analysis of C6 Antibody. The lane on the right is blocked with the C6 peptide.



Immunohistochemistry analysis of paraffin-embedded human heart, using C6 Antibody. The lane on the right is blocked with the C6 peptide.



Western Blot analysis of various cells using C6 Polyclonal Antibody diluted at 1 : 1000