Best Tools for immunology Research

C6 Polyclonal Antibody

Catalog No :	YT0570
Reactivity :	Human;Rat
Applications :	WB;IHC;IF;ELISA
Target :	C6
Fields :	>>Complement and coagulation cascades;>>Prion disease;>>Coronavirus disease - COVID-19;>>Systemic lupus erythematosus
Gene Name :	C6
Protein Name :	Complement component C6
Human Gene Id :	729
Human Swiss Prot No :	P13671
Rat Gene Id :	24237
Rat Swiss Prot No :	Q811M5
Immunogen :	The antiserum was produced against synthesized peptide derived from human C6. AA range:221-270
Specificity :	C6 Polyclonal Antibody detects endogenous levels of C6 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 105kD

Observed Band : 85-105kD

Cell Pathway : Complement and coagulation cascades;Prion diseases;Systemic lupus erythematosus;

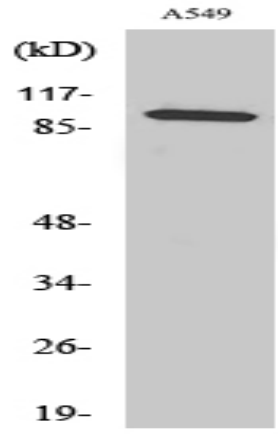
Background : This gene encodes a component of the complement cascade. The encoded protein is part of the membrane attack complex that can be incorporated into the cell membrane and cause cell lysis. Mutations in this gene are associated with complement component-6 deficiency. Transcript variants encoding the same protein have been described.[provided by RefSeq, Nov 2012],

Function : 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.,

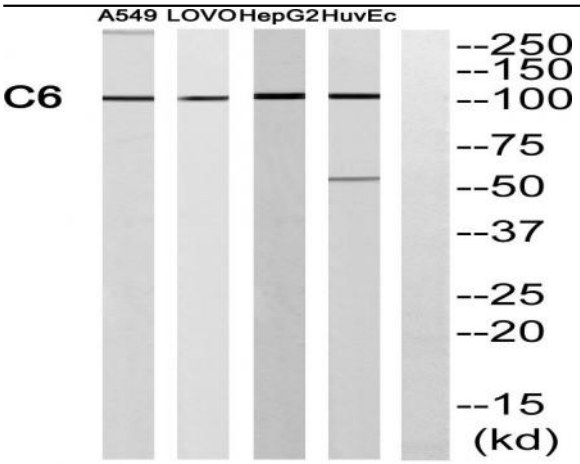
Subcellular Location : Secreted.

Expression : Blood,Ovary,Plasma,

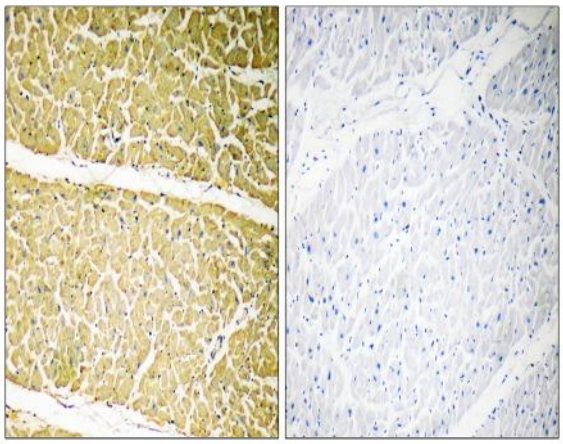
Products Images



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



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



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