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Rabbit Anti-Complement component C6 antibody

SL13817R

Product Name:	Complement component C6
Chinese Name:	补体C6抗体
Alias:	AW111623; C6; CO6_HUMAN; Complement component 6; Complement component C6.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	102kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human C6/Complement component C6:251-350/934
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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:
Constituent of the membrane attack complex (MAC) that plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells.

Subcellular Location:
Secreted.

Post-translational modifications:
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.

DISEASE:
Defects in C6 are the cause of complement component 6 deficiency (C6D) [MIM:612446]. A rare defect of the complement classical pathway associated with susceptibility to severe recurrent infections, predominantly by Neisseria gonorrhoeae or Neisseria meningitidis.

SWISS:
P13671

Gene ID:
729

Database links:

Entrez Gene: 729 Human

Entrez Gene: 12274 Mouse

Omim: 217050 Human

SwissProt: P13671 Human

Unigene: 481992 Human

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