

C1S (light chain, Cleaved Ile438) Rabbit Polyclonal Antibody

Catalog# UZ-PA01859

Product information

产品货号	UZ-PA01859
别名	Complement C1s subcomponent (EC 3.4.21.42;C1 esterase;Complement component 1 subcomponent s) [Cleaved into: Complement C1s subcomponent heavy chain; Complement C1s subcomponent light chain]
产品名称	C1S (light chain, Cleaved Ile438) Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	C1S
推荐应用	WB,ELISA
反应种属	Human,Rat,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	716
Human Swissprot No.	P09871
免疫原	Synthesized peptide derived from human C1S (light chain, Cleaved-Ile438)
稀释度	WB 1:1000-2000, ELISA 1:5000-20000
预测分子量	28kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	catalytic activity:Cleavage of Arg- -Ala bond in complement component C4 to form C4a and C4b, and Lys(or Arg)- -Lys bond in complement component C2 to form C2a and C2b: the 'classical' pathway C3 convertase.,disease:Defects in C1S are the cause of selective C1s deficiency [MIM:120580]; that is associated with early onset multiple autoimmune diseases.,enzyme regulation:Inhibited by SERPING1.,function:C1s B chain is a serine protease that combines with C1q and C1s to form C1, the first component of the classical pathway of the complement system. C1r activates C1s so that it can, in turn, activate C2 and C4.,online information:C1S mutation db,PTM:The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and a sparagine is (R) stereospecific within EGF domains.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 EGF-like domain.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 2 CUB domains.,similarity:Contains 2 Sushi (CCP/SCR) domains.,subunit:C1 is a calcium-dependent trimolecular complex of C1q, C1r and C1s in the molar ration of 1:2:2. Activated C1s is an disulfide-linked heterodimer of a heavy chain and a light chain.,
纯化	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Clonality	Polyclonal