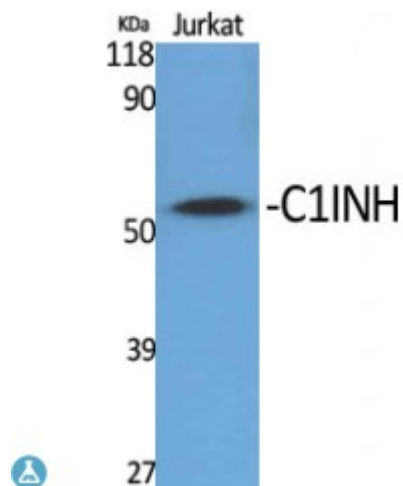


Anti-C1INH antibody



Description	Rabbit polyclonal to C1INH.
Model	STJ91926
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human C1INH
Immunogen Region	320-400 aa, Internal
Gene ID	710
Gene Symbol	SERPING1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	C1INH Polyclonal Antibody detects endogenous levels of C1INH protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Plasma protease C1 inhibitor C1 Inh C1Inh C1 esterase inhibitor C1-inhibiting factor Serpin G1
Molecular Weight	55 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1228OMIM:106100
Alternative Names	Plasma protease C1 inhibitor C1 Inh C1Inh C1 esterase inhibitor C1-inhibiting factor Serpin G1
Function	Activation of the C1 complex is under control of the C1-inhibitor. It forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases. May play a potentially crucial role in regulating important physiological pathways including complement activation, blood coagulation, fibrinolysis and the generation of kinins. Very efficient inhibitor of FXIIa. Inhibits chymotrypsin and kallikrein.
Cellular Localization	Secreted.
Post-translational Modifications	Highly glycosylated (49%) with N- and O-glycosylation. O-glycosylated with core 1 or possibly core 8 glycans. N-glycan heterogeneity at Asn-25: Hex5HexNAc4 (minor), dHex1Hex5HexNAc4 (minor), Hex6HexNAc5 (major) and dHex1Hex6HexNAc5 (minor). Can be proteolytically cleaved by E.coli stcE.

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