

C1INH Polyclonal Antibody
Catalog # AP68744**Specification****C1INH Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	P05155
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

C1INH Polyclonal Antibody - Additional Information**Gene ID** 710**Other Names**

SERPING1; C1IN; C1NH; Plasma protease C1 inhibitor; C1 Inh; C1Inh; C1 esterase inhibitor; C1-inhibiting factor; Serpin G1

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

C1INH Polyclonal Antibody - Protein Information**Name** SERPING1**Synonyms** C1IN, C1NH**Function**

Serine protease inhibitor, which acts as a regulator of the classical complement pathway (PubMed:10946292, PubMed:11527969, PubMed:3458172, PubMed:6416294). Forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases (PubMed:10946292, PubMed:3458172, PubMed:6416294). May also regulate blood coagulation, fibrinolysis and the generation of kinins (PubMed:8495195). Very efficient

inhibitor of FXIIa. Inhibits chymotrypsin and kallikrein (PubMed:8495195).

Cellular Location

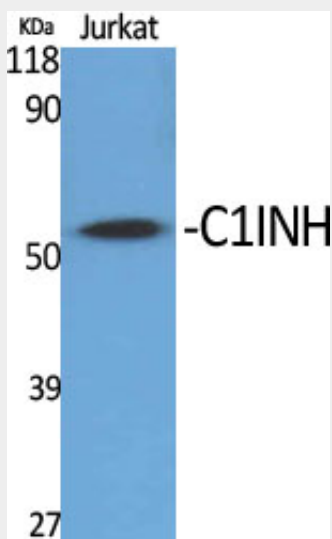
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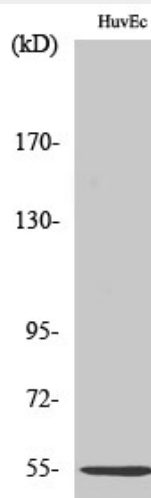
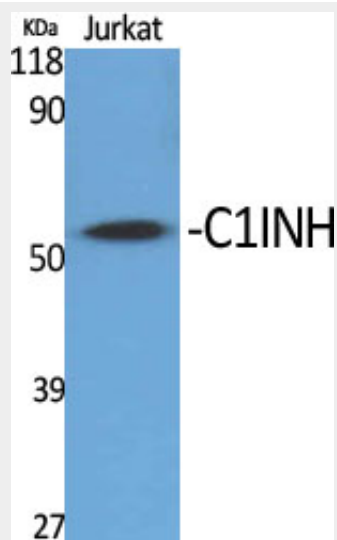
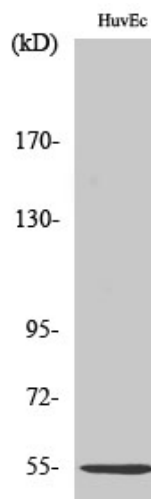
C1INH Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

C1INH Polyclonal Antibody - Images





C1INH Polyclonal Antibody - Background

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.