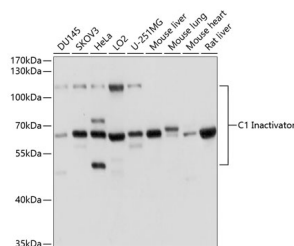


## C1 Inactivator Polyclonal Antibody

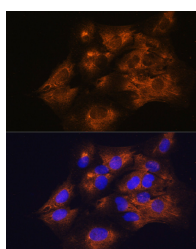
<b>Catalog No.</b>	E-AB-60419	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IF	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

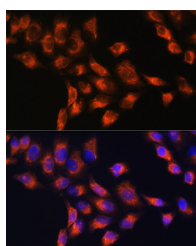
### Images



Western blot analysis of extracts of various cell lines using C1 Inactivator Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence analysis of C6 cells using C1 Inactivator Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using C1 Inactivator Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human C1 Inactivator (NP_001027466.1).
<b>GeneID</b>	710
<b>Swissprot</b>	P05155
<b>Synonyms</b>	SERPING1,C1IN,C1INH,C1NH,HAE1,HAE2

### Product Information

<b>Calculated MW</b>	49kDa/55kDa
<b>Observed MW</b>	60kDa.110kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:1000-1:2000 IF 1:50-1:200

### Background

This gene encodes a highly glycosylated plasma protein involved in the regulation of the complement cascade. Its protein inhibits activated C1r and C1s of the first complement component and thus regulates complement activation. Deficiency of this protein is associated with hereditary angioneurotic oedema (HANE). Alternative splicing results in multiple transcript variants encoding the same isoform.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.