



Goat anti Human C1 Esterase Inhibitor polyclonal antibody (CABT-L506)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is specific for C1 esterase inhibitor as demonstrated by immunoelectrophoresis and ELISA.
Target	C1 Inhibitor
Immunogen	C1 esterase inhibitor (also called C1-Inactivator) purified from human plasma.
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Affinity purified
Conjugate	Unconjugated
Applications	IEP, ELISA
Format	Liquid
Size	0.5 mg
Buffer	10 mM HEPES, pH 7.4, 150 mM NaCl, 50% (v/v) glycerol.
Preservative	None
Storage	Store between -10 and -20°C. Product will become viscous but will not freeze. Avoid storage in frost-free freezers. Keep vial tightly capped. Allow product to warm to room temperature and gently mix before use.

BACKGROUND

Introduction 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.

Keywords SERPING1;serpin peptidase inhibitor, clade G (C1 inhibitor), member 1;C1IN;C1NH;HAE1;HAE2;C1INH;plasma protease C1 inhibitor;serpin G1;C1-inhibiting factor;C1 esterase inhibitor;complement component 1 inhibitor;serine/cysteine proteinase inhibitor clade G member 1;

GENE INFORMATION

Entrez Gene ID [710](#)

UniProt ID [P05155](#)
