



## Sheep Anti-Human Complement C1S Polyclonal Antibody

Cat. No.: CTA-388

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

### PRODUCT INFORMATION

**Product Overview** This product is an unconjugated anti-Human Complement C1S Polyclonal antibody generated from the Sheep. The antibody can be used for WB; ELISA.

### SPECIFICATIONS

<b>Clonality</b>	Polyclonal
<b>Host Animal</b>	Sheep
<b>Isotype</b>	IgG
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human Complement Component C1s Glu16-Asp688
<b>Species Reactivity</b>	Human
<b>Applications</b>	WB; ELISA
<b>Application Notes</b>	WB: 0.1 µg/mL The optimal working dilutions should be determined by the end user.
<b>Specificity</b>	This antibody reacts with Human complement C1S.
<b>Purification</b>	Antigen Affinity-purified
<b>Purity</b>	≥95% as determined by SDS-PAGE
<b>Format</b>	Lyophilized
<b>Size</b>	25; 100 µg
<b>Concentration</b>	Reconstitute at 0.2 mg/mL in sterile PBS.
<b>Buffer</b>	PBS with Trehalose
<b>Preservative</b>	No Preservative
<b>Storage</b>	12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

<b>Type</b>	Primary Antibody
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## ANTIGEN INFORMATION

<b>Introduction</b>	Complement component 1s is a protein involved in the complement system. C1s is part of the C1 complex. In humans, it is encoded by the C1S gene. C1s cleaves C4 and C2, which eventually leads to the production of the classical pathway C3-convertase.
<b>Alternative Names</b>	EDSPD2; C1 Esterase; Basic Proline-Rich Peptide IB-1; Complement C1s Subcomponent
<b>Gene ID</b>	<a href="#">716</a>
<b>UniProt ID</b>	<a href="#">P09871</a>