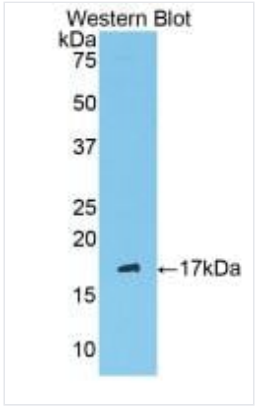
Complement 1 Inhibitor (C1INH) Antibody – Rabbit Polyclonal

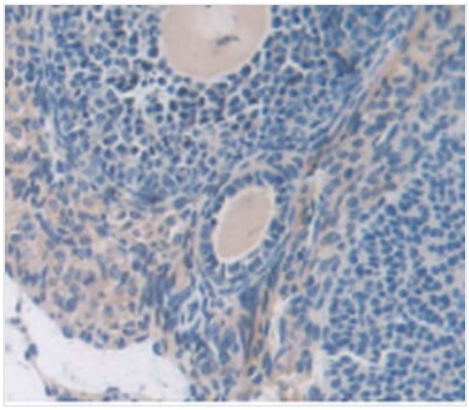
PRODUCT OVERVIEW

Product Name	Complement 1 Inhibitor (C1INH), Polyclonal Antibody
Full Product Name	Polyclonal Antibody to Complement 1 Inhibitor (C1INH)
Product Gene Name	anti-C1INH antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Concentration	1mg/ml (lot specific)
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. **Stability Test:** thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: C1INH (MBS2007020) Immunogen: C1INH (MBS2011287)
Matching Pairs	Unconjugated Antibody: C1INH (MBS2007020) FITC Conjugated Antibody: C1INH (MBS2014274)
Matching Pairs	Unconjugated Antibody: C1INH (MBS2007020) APC-CY7 Conjugated Antibody: C1INH (MBS2039987)
Matching Pairs	Unconjugated Antibody: C1INH (MBS2007020) PE Conjugated Antibody: C1INH (MBS2039990)
Matching Pairs	Unconjugated Antibody: C1INH (MBS2007020) APC Conjugated Antibody: C1INH (MBS2039993)
Matching Pairs	Unconjugated Antibody: C1INH (MBS2007020) Cy3 Conjugated Antibody: C1INH (MBS2039996)
Matching Pairs	Unconjugated Antibody: C1INH (MBS2007020) HRP Conjugated Antibody: C1INH (MBS2040000)
Matching Pairs	Unconjugated Antibody: Complement 1 Inhibitor (C1INH) (MBS2007020) APC-CY7 Conjugated Secondary Antibody: Immunoglobulin G (MBS2090675)
Matching Pairs	Unconjugated Antibody: Complement 1 Inhibitor (C1INH) (MBS2007020) Unconjugated Secondary Antibody: Immunoglobulin G (MBS2090678)
Matching Pairs	Unconjugated Antibody: C1INH (MBS2007020) Biotin Conjugated Antibody: C1INH (MBS2091748)
3D Structure	ModBase 3D Structure for P97290

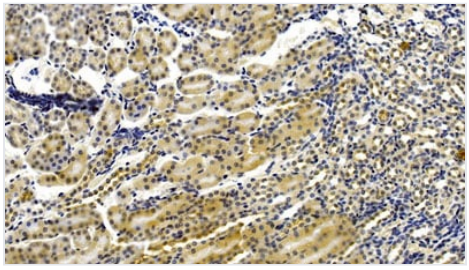
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Source	Polyclonal antibody preparation
Traits	Liquid
Immunogen	Recombinant C1INH (Pro397~Phe495) expressed in E.coli (MBS2011287).
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-C1INH antibody	Western Blot (WB); Immunohistochemistry (IHC); Immunocytochemistry (ICC); Immunoprecipitation (IP).
Application Notes for anti-C1INH antibody	Western blotting: 0.5-2ug/mL; Immunohistochemistry: 5-20ug/mL; Immunocytochemistry: 5-20ug/mL; Optimal working dilutions must be determined by end user.
Related Product Information for anti-C1INH antibody	MBS2007020 is an antibody targeting C1INH. Also known as Polyclonal Antibody to Complement 1 Inhibitor (C1INH). Reactive in Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-C1INH antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



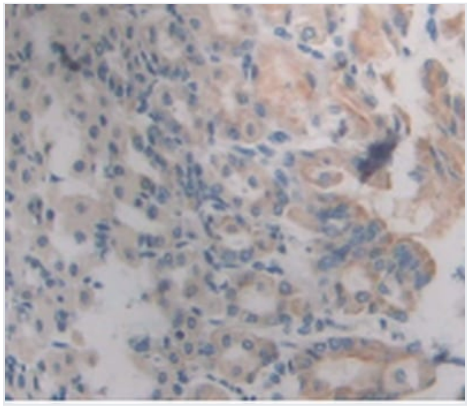
Western Blot (WB) of anti-C1INH antibody
Western Blot: Sample: Recombinant C1INH, Mouse.



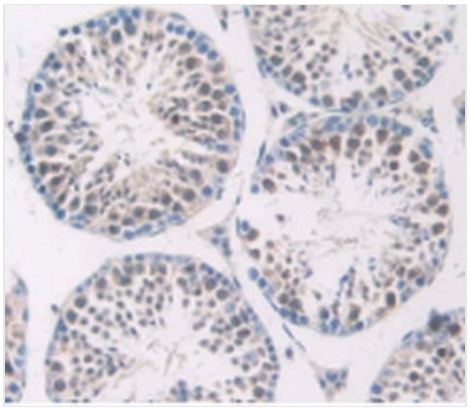
Immunohistochemistry (IHC) of anti-C1INH antibody
DAB staining on IHC-P; Samples: Mouse Ovary Tissue



Immunohistochemistry (IHC) of anti-C1INH antibody
DAB staining on IHC-PSamples: Mouse Kidney TissuePrimary Ab: 20ug/ml Rabbit Anti-Mouse C1INH AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: MBS2086047)



Immunohistochemistry (IHC) of anti-C1INH antibody
DAB staining on IHC-PSamples: Mouse Liver TissuePrimary Ab: 20ug/ml Rabbit Anti-Mouse C1INH AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: MBS2086047)



Immunohistochemistry (IHC) of anti-C1INH antibody
DAB staining on IHC-P; Samples: Mouse Testis Tissue.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for C1INH. It may not necessarily be applicable to this product.

NCBI GI #	163914390
NCBI GeneID	12258
NCBI Accession #	NP_033906.2
UniProt Primary Accession #	P97290
UniProt Secondary Accession #	O88330; Q99M43; Q9QX09; A2ATR7
UniProt Related Accession #	P97290
GenBank Nucleotide #	NM_009776.3
NCBI Official Full Name	plasma protease C1 inhibitor
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade G, member 1
NCBI Official Symbol	Serping1
NCBI Official Synonym Symbols	C1nh; C1INH
UniProt Protein Name	Plasma protease C1 inhibitor
UniProt Synonym Protein Names	C1 esterase inhibitor; C1-inhibiting factor; Serpin G1
UniProt Gene Name	Serping1
UniProt Synonym Gene Names	C1nh; C1 Inh; C1Inh
NCBI Protein Information	plasma protease C1 inhibitor

UniProt Comments for C1INH	SERPING1: a protein protease inhibitor (C1-inhibitor) that forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases. May play an important role in regulating complement activation, blood coagulation, fibrinolysis and the generation of kinins. Very efficient inhibitor of FXIIa. Mutations of the SERPING1 gene is associated with adult macular degeneration can also cause hereditary angioedema. Binds to E.coli stcE which allows localization of SERPING1 to cell membranes thus protecting the bacteria against complement-mediated lysis. Belongs to the serpin family. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 2|2 D Cellular Component: extracellular region; extracellular space Molecular Function: complement binding; peptidase inhibitor activity; serine-type endopeptidase inhibitor activity Biological Process: blood coagulation; complement activation, classical pathway; fibrinolysis; hemostasis; immune system process; innate immune response; negative regulation of complement activation; negative regulation of complement activation, lectin pathway; negative regulation of peptidase activity; regulation of blood coagulation
Research Articles on C1INH	**1.** C1INH prevented myocardial ischemia reperfusion injury in mice.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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