

Datasheet for ABIN7432778  
**anti-C3 antibody (AA 23-300)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	C3
Binding Specificity:	AA 23-300
Reactivity:	Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Complement Component 3 (C3)
Immunogen:	Recombinant Complement Component 3 (C3) corresponding to Asp23~Thr300
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against C3. It has been selected for its ability to recognize C3 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	C3
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## Target Details

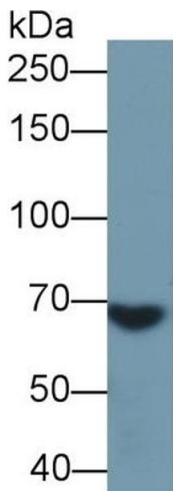
Alternative Name:	Complement Component 3 ( <a href="#">C3 Products</a> )
Background:	ASP, CPAMD1, Complement Protein C3, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1, C3a anaphylatoxin, Acylation stimulating protein
Pathways:	<a href="#">Complement System</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>

## Application Details

Application Notes:	Western blotting: 0.1-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The 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°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.
Restrictions:	For Research Use only

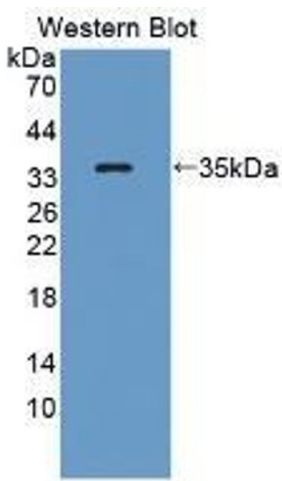
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



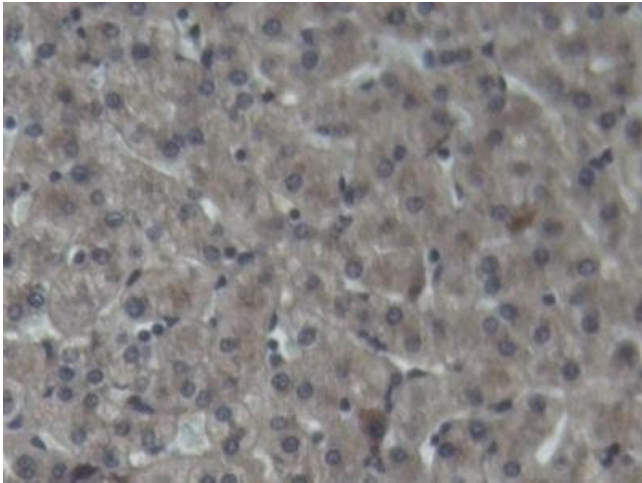
Western Blotting

**Image 1.** Detection of C3 in Porcine Serum using Polyclonal Antibody to Complement Component 3 (C3)



Western Blotting

**Image 2.** Detection of Recombinant C3, Porcine using Polyclonal Antibody to Complement Component 3 (C3)



Immunohistochemistry

**Image 3.** Detection of C3 in Porcine Liver Tissue using Polyclonal Antibody to Complement Component 3 (C3)