

Rabbit anti-Human Complement C2 Polyclonal Antibody | anti-C2 antibody

Complement C2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302553	Rabbit	Human	Immunofluorescence, Western Blot

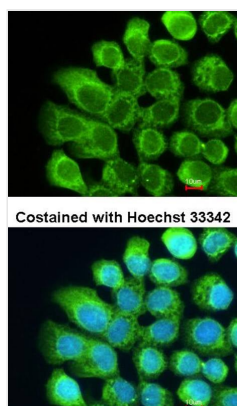
PRODUCT SYNONYMS

Complement C2; Polyclonal Antibody; Complement C2 antibody; anti-C2 antibody

PRODUCT SPECIFICATIONS

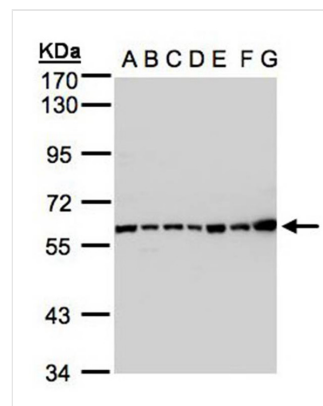
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	752
Applicable Applications for anti-C2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 265 and 612 of Human C2
Target Name	Complement C2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed A431, using Complement C2 antibody at 1:200 dilution.



Application Data

Sample(30 ug whole cell lysate)A: 293TB: A431 C: H1299D: HeLa S3 E: Hep G2 F: MOLT4 G: Raji 7.5% SDS PAGEPrimary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-C2 antibody	Component C2 is a serum glycoprotein that functions as part of the classical pathway of the complement system. Activated C1 cleaves C2 into C2a and C2b. The serine proteinase C2a then combines with complement factor 4b to create the C3 or C5 convertase. Deficiency of C2 has been reported to associated with certain autoimmune diseases and SNPs in this gene have been associated with altered susceptibility to age-related macular degeneration. This gene localizes within the class III region of the MHC on the short arm of chromosome 6. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants have been described in publications but their full-length sequence has not been determined.
Product Categories/Family for anti-C2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14550407
NCBI GeneID	717
NCBI Accession #	NP_000054
NCBI GenBank Nucleotide #	NM_000063.5
Molecular Weight	69,444 Da
NCBI Official Full Name	complement C2 isoform 1 preproprotein
NCBI Official Synonym Full Names	complement component 2
NCBI Official Symbol	C2
NCBI Official Synonym Symbols	CO2; ARMD14
NCBI Protein Information	complement C2
UniProt Protein Name	Complement C2
UniProt Gene Name	C2
UniProt Entry Name	CO2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/complement-c2-antibody-immunofluorescence-western-blot-elisa/302553>