

Rabbit anti-Human Complement Component 2 Polyclonal Antibody | anti-C2 antibody

Polyclonal Antibody to Complement Component 2 (C2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20916	Rabbit	Human	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

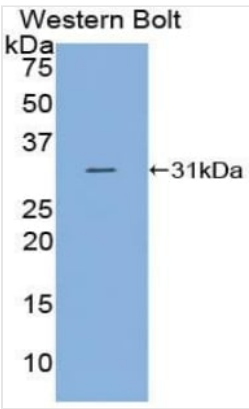
PRODUCT SYNONYMS

Complement Component 2; Polyclonal Antibody; Polyclonal Antibody to Complement Component 2 (C2); anti-C2 antibody

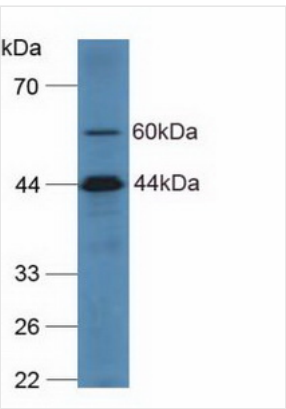
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against C2. It has been selected for its ability to recognize C2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-C2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.5-2ug/mL Immunocytochemistry in formalin fixed cells: 5-20ug/mL Immunohistochemistry in formalin fixed frozen section: 5-20ug/mL Immunohistochemistry in paraffin section: 5-20ug/mL Optimal working dilutions must be determined by end user.
Fragment	C2 (Ile245~His451)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant C2 (Ile245~His451) expressed in E Coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



KO (Knockout Validation)
Knockout Validation: Lane 1: Wild-type A431 cell lysate; Lane 2: C2 knockout A431 cell lysate; Predicted MW: 60,69,83kDa Observed MW: 83kDa Primary Ab: 1ug/ml Rabbit Anti-Human C2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)
Western Blot: Sample: Human Hela Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-C2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14550407
NCBI GeneID	717
NCBI Accession #	NP_000054.2
NCBI GenBank Nucleotide #	NM_000063.5
UniProt Accession #	P06681; O19694; Q13904; B4DPF3; B4DV20; E9PFN7
Molecular Weight	69,444 Da
NCBI Official Full Name	complement C2 isoform 1 preproprotein
NCBI Official Synonym Full Names	complement C2
NCBI Official Symbol	C2
NCBI Official Synonym Symbols	CO2; ARMD14
NCBI Protein Information	complement C2
UniProt Protein Name	Complement C2
UniProt Gene Name	C2

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.