

Rabbit anti-Human C4BPA Polyclonal Antibody | anti-C4BPA antibody

C4BPA antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198897	Rabbit	Human	Western Blot

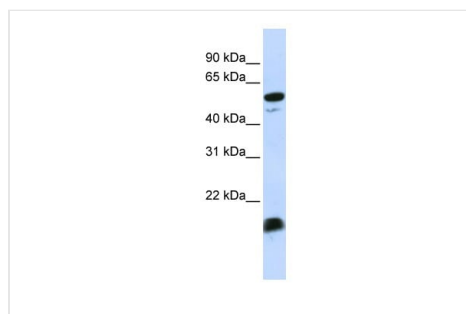
PRODUCT SYNONYMS

C4BPA; Polyclonal Antibody; C4BPA antibody - middle region; anti-C4BPA antibody

PRODUCT SPECIFICATIONS

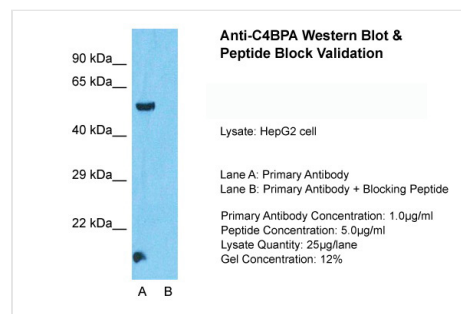
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QV LTGKRLMQCL PNPEDVKMAL EVYKLSLEIE QLELQRDSAR QSTLDKEL
Sequence Length	597
Applicable Applications for anti-C4BPA antibody	WB (Western Blot)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human C4BPA
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-C4BPA Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: MCF7 cell lysate



WB (Western Blot)

Host: Rabbit
Target Name: C4BP
Sample Type: HepG2 Whole Cell
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 1.0 ug/ml
Peptide Concentration: 5.0 ug/ml
Lysate Quantity: 25 ug/lane
Gel Concentration: 12%

ADDITIONAL INFORMATION

Related Product Information for anti-C4BPA antibody	This is a rabbit polyclonal antibody against C4BPA. It was validated on Western Blot using a cell lysate as a positive control. Target Description: C4BPA is a member of a superfamily of proteins composed predominantly of tandemly arrayed short consensus repeats of approximately 60 amino acids. Along with a single, unique beta-chain, seven identical alpha-chains encoded by this gene assemble into the predominant isoform of C4b-binding protein, a multimeric protein that controls activation of the complement cascade through the classical pathway. The genes encoding both alpha and beta chains are located adjacent to each other on human chromosome 1 in the regulator of complement activation gene cluster. This gene encodes a member of a superfamily of proteins composed predominantly of tandemly arrayed short consensus repeats of approximately 60 amino acids. Along with a single, unique beta-chain, seven identical alpha-chains encoded by this gene assemble into the predominant isoform of C4b-binding protein, a multimeric protein that controls activation of the complement cascade through the classical pathway. The genes encoding both alpha and beta chains are located adjacent to each other on human chromosome 1 in the regulator of complement activation gene cluster. Two pseudogenes of this gene are also found in the cluster. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-C4BPA antibody	Polyclonal; Lymphocyte Signaling; DNA/RNA/Protein Interactions; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502503
NCBI GeneID	722
NCBI Accession #	NP_000706
NCBI GenBank Nucleotide #	NM_000715
UniProt Accession #	P04003
Molecular Weight	62kDa
NCBI Official Full Name	C4b-binding protein alpha chain
NCBI Official Synonym Full Names	complement component 4 binding protein alpha
NCBI Official Symbol	C4BPA
NCBI Official Synonym Symbols	PRP; C4BP
NCBI Protein Information	C4b-binding protein alpha chain
UniProt Protein Name	C4b-binding protein alpha chain
UniProt Gene Name	C4BPA
UniProt Synonym Gene Names	C4BP; C4bp; PRP
UniProt Entry Name	C4BPA_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.