

Rabbit C4BPB Polyclonal Antibody | anti-C4BPB antibody

C4BPB antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197668	Rabbit	Dog, Human, Pig	Western Blot, Immunohistochemistry

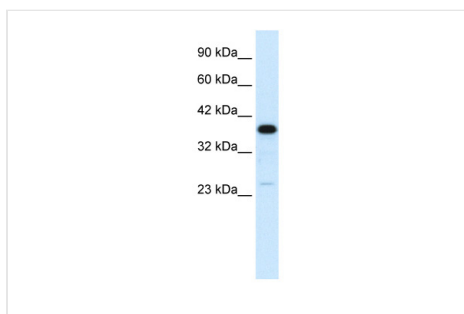
PRODUCT SYNONYMS

C4BPB; Polyclonal Antibody; C4BPB antibody - N-terminal region; anti-C4BPB antibody

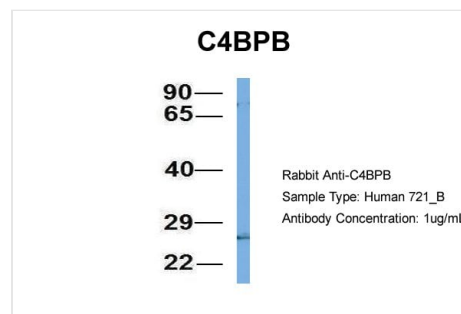
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Human, Pig
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: CC LMVAWRVSAS DAHCPELPP VDNSIFVAKE VEGQILGTYV CIKGYHLV
Sequence Length	252
Applicable Applications for anti-C4BPB antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 86%; Human: 100%; Pig: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human C4BPB
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.

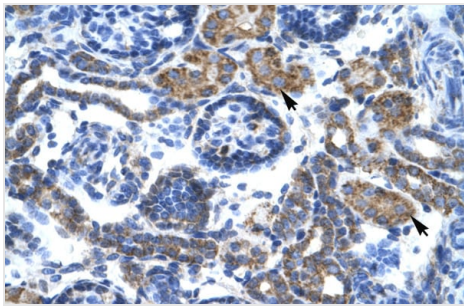
IMAGES


WB (Western Blot)

WB Suggested Anti-C4BPB Antibody Titration: 0.2-1 ug/ml Positive Control: Human Liver


WB (Western Blot)

Host: Rabbit Target Name: C4BPB Sample Type: 721_B Antibody Dilution: 1.0ug/mL C4BPB is supported by BioGPS gene expression data to be expressed in 721_B



IHC (Immunohistochemistry)
Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-C4BPB antibody	This is a rabbit polyclonal antibody against C4BPB. It was validated on Western Blot and immunohistochemistry Target Description: C4BPB is a member of a superfamily of proteins composed predominantly of tandemly arrayed short consensus repeats of approximately 60 amino acids. A single, unique beta-chain encoded by this gene assembles with seven identical alpha-chains into the predominant isoform of C4b-binding protein, a multimeric protein that controls activation of the complement cascade through the classical pathway. C4b-binding protein has a regulatory role in the coagulation system also, mediated through the beta-chain binding of protein S, a vitamin K-dependent protein that serves as a cofactor of activated protein C.
Product Categories/Family for anti-C4BPB antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; DNA/RNA/Protein Interactions; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502505
NCBI GeneID	725
NCBI Accession #	NP_000707
NCBI GenBank Nucleotide #	NM_000716
UniProt Accession #	P20851
Molecular Weight	28kDa
NCBI Official Full Name	C4b-binding protein beta chain isoform 1
NCBI Official Synonym Full Names	complement component 4 binding protein beta
NCBI Official Symbol	C4BPB
NCBI Official Synonym Symbols	C4BP
NCBI Protein Information	C4b-binding protein beta chain
UniProt Protein Name	C4b-binding protein beta chain
UniProt Gene Name	C4BPB
UniProt Entry Name	C4BPB_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.