

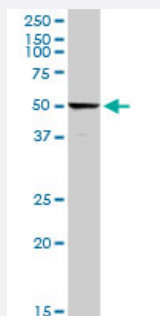
MaxPab®

C4BPA purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000722-D01P

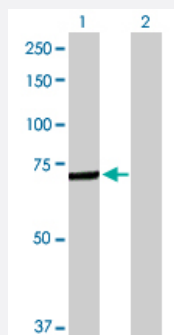
Size 100 ug

Applications



Western Blot (Tissue lysate)

C4BPA MaxPab rabbit polyclonal antibody. Western Blot analysis of C4BPA expression in mouse kidney.



Western Blot (Transfected lysate)

Western Blot analysis of C4BPA expression in transfected 293T cell line ([H00000722-T02](#)) by C4BPA MaxPab polyclonal antibody.

Lane 1: C4BPA transfected lysate(67.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human C4BPA protein.

Immunogen

C4BPA (NP_000706.1, 1 a.a. ~ 597 a.a) full-length human protein.

Sequence	MHPPKTPSGALHRKRKMAAWPFSRLWKVSDPILFQMTLIAALLPAVLGNCGPPPTLSFAAPMDIT LTETRFKTGTTLKYTCLPGYVRSHSTQTLTCNSDGEWVYNTFCMYKRCRHPGELRNGQVEIKTDL FGSQIEFSCSEGFFLIGSTTSRCEVQDRGVGWSHPLPQCEVKCKPPDIRNGRHSGEENFYAYG FSVTYSCDPRFSLLGHASISCTVENETIGVWRPSPPTCEKITCRKPDVSHGEMVSGFGPIYNYKDTI VFKCQKGFVLRGSSVIHCDADSKWNPSPPACEPNSCINLPDIPHASWETYPRTKEDVYVVGTV LRYRCHPGYKPTTDEPTTVICQKNLRWTPYQGCEALCCPEPKLNNGEITQHRKSRPANHCVYFYG DEISFSCHETSRSFSAICQGDGTWSPRTPSCGDICNFPPKIAHGHIYKQSSSYFFKEEIIYECDKGYL VGQAKLSCSYSHWSAPAPQCKALCRKPELVNGRLSVDKDQYVEPENVTIQCDSGYGVVGPQSIT CSGNRTWYPEVPKCEWETPEGCEQVLTGKRLMQCLPNPEDVKMALEVYKLSLEIEQLELQRDS ARQSTLDKEL
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Rat (59)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

C4BPA MaxPab rabbit polyclonal antibody. Western Blot analysis of C4BPA expression in mouse kidney.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of C4BPA expression in transfected 293T cell line ([H00000722-T02](#)) by C4BPA MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — C4BPA

Entrez GeneID	722
GeneBank Accession#	NM_000715.3

Protein Accession#	NP_000706.1
Gene Name	C4BPA
Gene Alias	C4BP, PRP
Gene Description	complement component 4 binding protein, alpha
Omim ID	120830
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	C4b binding protein, alpha chain OTTHUMP00000034376 complement component 4 binding protein, alpha chain complement component 4-binding protein, alpha proline-rich protein

Publication Reference

- [Organism-wide, cell-type-specific secretome mapping of exercise training in mice.](#)

Wei Wei, Nicholas M Riley, Xuchao Lyu, Xiaotao Shen, Jing Guo, Steffen H Raun, Meng Zhao, Maria Dolores Moya-Garzon, Himanish Basu, Alan Sheng-Hwa Tung, Veronica L Li, Wentao Huang, Amanda L Wiggenghorn, Katrin J Svensson, Michael P Snyder, Carolyn R Bertozzi, Jonathan Z Long.

Cell Metabolism 2023 Apr; S1550-4131(23):138.

Application: WB, Mouse, Mouse plasma

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)

- [Glioma](#)
- [Hemolytic-Uremic Syndrome](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Venous Thrombosis](#)