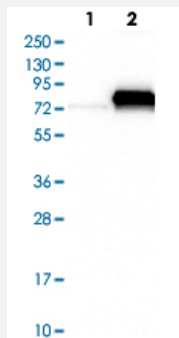


C4BPA polyclonal antibody

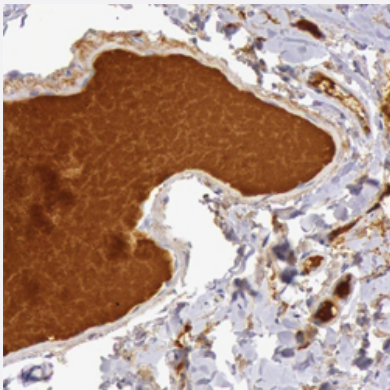
Catalog # PAB29520 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with C4BPA polyclonal antibody (Cat # PAB29520).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human blood vessel with C4BPA polyclonal antibody (Cat # PAB29520) shows distinct positivity in blood plasma.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human C4BPA.
Immunogen	Recombinant protein corresponding to human C4BPA.
Sequence	VLRGSSVIHCDADSKWNPSPPACEPNSCTNLPDIPHASWETYPRPTKEDVYVVGTVLRYRCHPG YKPTTDEPTTVICQKNLRWTPYQGCEALCCPEPKLNNGEITQHRKSRPANHCYFYGDEISFSCH TSRFSIAICQGDG
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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Gene Info — C4BPA

Entrez GeneID	722
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

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](#)