



Anti-C4BPA (aa 272-413) polyclonal antibody (DPABH-15256)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Controls the classical pathway of complement activation. It binds as a cofactor to C3b/C4b inactivator (C3bINA), which then hydrolyzes the complement fragment C4b. It also accelerates the degradation of the C4bC2a complex (C3 convertase) by dissociating the complement fragment C2a. Alpha chain binds C4b. It interacts also with anticoagulant protein S and with serum amyloid P component.
Immunogen	Recombinant fragment corresponding to an internal region between amino acids 272-413 of the Human C4BPA protein (P04003).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, IHC-P, WB
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	C4BPA complement component 4 binding protein, alpha [Homo sapiens]
Official Symbol	C4BPA
Synonyms	C4BPA; complement component 4 binding protein, alpha; C4BP, complement component 4 binding protein, alpha; C4b-binding protein alpha chain; proline-rich protein; PRP; C4BP;
Entrez Gene ID	722
Protein Refseq	NP_000706
UniProt ID	P04003
Chromosome Location	1q32
Pathway	CD40/CD40L signaling; Complement and coagulation cascades; Complement cascade; Immune System; Innate Immune System; Pertussis;
Function	protein binding;