antibodies -online.com





anti-C4B antibody (AA 1454-1550) (Biotin)



Go to Product page

()	11/0	K\ /	iew	1
	\cup	ועוי	$\square \vee \vee$	ı

Quantity:	100 μL	
Target:	C4B (C4b)	
Binding Specificity:	AA 1454-1550	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This C4B antibody is conjugated to Biotin	
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Complement C4 gamma chain
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	C4B (C4b)	
Alternative Name:	Complement C4 gamma chain (C4b Products)	
Background:	Synonyms: C4, RG, C4S, C04, C4A2, C4A3, C4A4, C4A6, C4AD, CPAMD2, CH, C4F, C4B1, C4B2,	

C4B3, C4B5, C4BD, C4B12, C4B_2, CPAMD3, Complement C4-A, Acidic complement C4, C3 and
PZP-like alpha-2-macroglobulin domain-containing protein 2, C4A

Background: Non-enzymatic component of C3 and C5 convertases and thus essential for the propagation of the classical complement pathway. Covalently binds to immunoglobulins and immune complexes and enhances the solubilization of immune aggregates and the clearance of IC through CR1 on erythrocytes. C4A isotype is responsible for effective binding to form amide bonds with immune aggregates or protein antigens, while C4B isotype catalyzes the transacylation of the thioester carbonyl group to form ester bonds with carbohydrate antigens. Derived from proteolytic degradation of complement C4, C4a anaphylatoxin is a mediator of local inflammatory process. It induces the contraction of smooth muscle, increases vascular permeability and causes histamine release from mast cells and basophilic leukocytes.

Gene ID:	720721
----------	--------

UniProt: P0C0L4

Pathways: Complement System

Application Details

tion Notes: IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C for 12 months.	
Expiry Date:	12 months	