Datasheet for ABIN1392925 anti-CTRP5 antibody (AA 191-243) (Biotin)

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Overview

Quantity:	100 µL	
Target:	CTRP5 (C1QTNF5)	
Binding Specificity:	AA 191-243	
Reactivity:	Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CTRP5 antibody is conjugated to Biotin	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CTRP5
Isotype:	lgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.
Target Details	
Target:	CTRP5 (C1QTNF5)
Alternative Name:	CTRP5 (C1QTNF5 Products)

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Target Details			
Background:	Synonyms: C1q and tumor necrosis factor related protein 5, C1QTNF5, Complement C1q tumor		
	necrosis factor related protein 5 precursor, LORD, C1QT5_HUMAN.		
	Background: Members of the C1q superfamily have diverse functions that are related to cell		
	adhesion and basement membrane components. CTRP5 (Complement C1q tumor necrosis		
	factor-related protein 5) is a 243 amino acid secreted and membrane-associated protein that		
	contains a collagen-like domain and a C1q domain. CTRP5 is a short-chain collagen that is		
	expressed in retinal pigment epithelium as well as brain, lung, liver and placenta. By forming an		
	extracellular hexagonal lattice, CTRP5 facilitates the adhesion of basal retinal pigment		
	epithelium to Bruch?s membrane, the innermost layer of the choroid. A mutation within the C1q		
	domain of CTRP5 results in abnormal high molecular weight aggregate formation, which alters		
	its structure and interactions. This mutation may result in the presentation of late-onset retinal		
	degeneration (LORD), an autosomal dominant disorder that is characterized by punctate yellow-		
	white deposits in the retinal fundus and night blindness.		
Gene ID:	114902		
UniProt:	Q9BXJ0		
Application Details			
Application Notes:	WB 1:300-5000		
	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.		

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Expiry Date:

12 months

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