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Datasheet for ABIN1169292 anti-C1QTNF1 antibody

2 Images



Overview

Quantity:	100 µg
Target:	C1QTNF1
Reactivity:	Human
Host:	Guinea Pig
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant human CTRP1.
Specificity:	Recognizes a N-terminal region of CTRP1 full-length protein. Detects bands of ~17 kDa and ~36 kDa by Western blot. This antibody is CTRP1-specific.
Cross-Reactivity:	Human
Sterility:	0.2 µm filtered

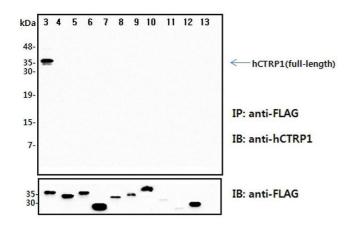
Target Details

Target:	C1QTNF1
Alternative Name:	CTRP1 (C1QTNF1 Products)
Background:	CTRP1 (Complement C1q tumor necrosis factor-related protein 1, C1QTNF1) belongs to a highly conserved family of adiponectin paralogs. Serum levels of CTRP1 are significantly higher
	in obese/diabetic animal models and in hypertensive patients compared to normal controls.
	CTRP1 may be a new molecular link between obesity and hypertension.

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Target Details	
UniProt:	Q9BXJ1
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C
	Long Term Storage: -20°C
	Stable for at least 6 months after receipt when stored at -20°C.
Expiry Date:	6 months

Images



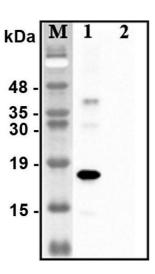
Immunoprecipitation

Image 1. Immunoprecipitation (IP) analysis of the cell lysates from HEK293 cells transfected with empty vector or a panel of the FLAG-tagged CTRP family (full-length) followed by immunoblot analysis using anti-CTRP1 (human), pAb antibody. 3: hCTRP1-FLAG (full-length) transfected HEK293 cell lysates. 4: hCTRP2-FLAG (fulllength) transfected HEK293 cell lysates. 5: hCTRP3-FLAG (full-length) transfected HEK293 cell lysates. 6: hCTRP5-FLAG (full-length) transfected HEK293 cell lysates. 7: hCTRP6-FLAG (full-length) transfected HEK293 cell lysates. 8: hCTRP7-FLAG (full-length) transfected HEK293 cell lysates. 9: hCTRP9-FLAG (full-length) transfected HEK293 cell

cell lysates. 10: hCTRP10-FLAG (full-length) transfected HEK293 cell lysates. 11: hCTRP11-FLAG (full-length) transfected HEK293 cell lysates. 12: hCTRP13-FLAG (fulllength) transfected HEK293 cell lysates. 13: Empty vector transfected HEK293 cell lysates.

Western Blotting

Image 2. Western blot analysis of recombinant human CTRPs using anti-CTRP1 (human), pAb at 1:4,000 dilution. 1: Recombinant human CTRP1 protein (His-tagged). 2: Unrelated recombinant protein (His-tagged).



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