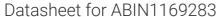
antibodies -online.com





anti-CTRP5 antibody (Globular Domain)





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Overview

Quantity:	100 μg
Target:	CTRP5 (C1QTNF5)
Binding Specificity:	Globular Domain
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant human CTRP5 (globular domain).
Specificity:	Recognizes human CTRP5 (globular domain) and CTRP5 full-length protein. Detects a band of \sim 18 kDa and \sim 30 kDa by Western blot.
Cross-Reactivity:	Human
Sterility:	0.2 μm filtered

Target Details

Target:	CTRP5 (C1QTNF5)
Alternative Name:	CTRP5 (C1QTNF5 Products)
Background:	CTRP5 (C1qTNF-related protein 5, C1QTNF5) belongs to a highly conserved family of adiponectin paralogs. CTRP5 mediates activation of AMP-activated protein kinase (AMPK) in
	muscle and liver cells, thereby regulating glucose and lipid metabolism. Serum levels of CTRP5

Target Details

are significantly higher in obese/diabetic animal models compared to normal controls.

Furthermore, CTRP5 may be a putative biomarker for mitochondrial dysfunction. Defects in C1QTNF5 are a cause of late-onset retinal degeneration (LORD).

UniProt: Q9BXJ0

Application Details

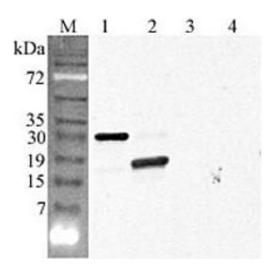
Application Notes:	Optimal working dilution should be determined by the investigator.

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



Western Blotting

Image 1. Western blot analysis using anti-CTRP5 (GD) (human), pAb at 1:4'000 dilution. 1: Human CTRP5 (Histagged). 2: Human CTRP5 (GD) (His-tagged). 3: Mouse FTO (His-tagged) (negative control). 4: Human CTRP6 (Histagged).