



[Go to Product page](#)

Datasheet for ABIN1169291
anti-C1QTNF2 antibody

2 Images

Overview

Quantity:	100 µg
Target:	C1QTNF2
Reactivity:	Human
Host:	Guinea Pig
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant human CTRP2.
Specificity:	Recognizes a N-terminal region of CTRP2 full-length protein. Detects bands of ~17 kDa and ~35 kDa by Western blot. This antibody is CTRP2-specific.
Cross-Reactivity:	Human
Sterility:	0.2 µm filtered

Target Details

Target:	C1QTNF2
Alternative Name:	CTRP2 (C1QTNF2 Products)
Background:	CTRP2 (C1qTNF-related protein 2) belongs to a highly conserved family of adiponectin paralogs. CTRP2 mediates activation of AMP-activated protein kinase (AMPK) in muscle and liver cells, thereby regulating glucose and lipid metabolism.
UniProt:	Q9BXJ5

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.

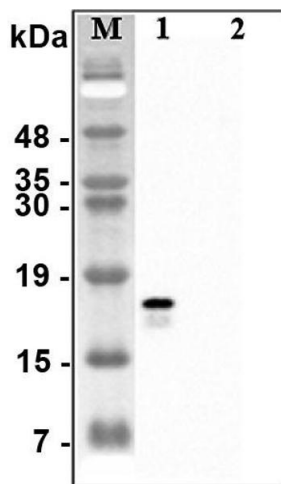
Preservative: Without preservative

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.

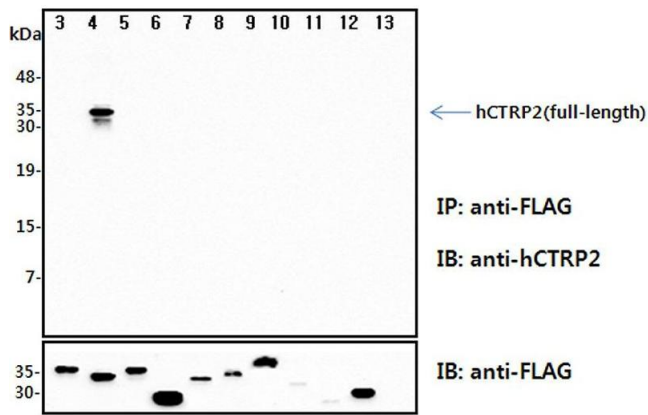
Expiry Date: 6 months

Images



Western Blotting

Image 1. Western blot analysis of recombinant human CTRPs using anti-CTRP2 (human), pAb at 1:4,000 dilution. 1: Recombinant human CTRP2 protein (His-tagged). 2: Unrelated recombinant protein (His-tagged).



Immunoprecipitation

Image 2. 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-CTR2 (human), pAb antibody. 3: hCTR1-FLAG (full-length) transfected HEK293 cell lysates. 4: hCTR2-FLAG (full-length) transfected HEK293 cell lysates. 5: hCTR3-FLAG (full-length) transfected HEK293 cell lysates. 6: hCTR5-FLAG (full-length) transfected HEK293 cell lysates. 7: hCTR6-FLAG (full-length) transfected HEK293 cell lysates. 8: hCTR7-FLAG (full-length) transfected HEK293 cell lysates. 9: hCTR9-FLAG (full-length) transfected HEK293 cell lysates. 10: hCTR10-FLAG (full-length) transfected HEK293 cell lysates. 11: hCTR11-FLAG (full-length) transfected HEK293 cell lysates. 12: hCTR13-FLAG (full-length) transfected HEK293 cell lysates. 13: Empty vector transfected HEK293 cell lysates.