

Datasheet for ABIN2784703

**anti-Cardiotrophin 1 antibody (N-Term)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Cardiotrophin 1 (CTF1)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Horse, Pig, Cow, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cardiotrophin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CTF1
Sequence:	HSLAHLTKY AEQLQYVQ LQGDPFGLPS FSPRLPVAG LSAPAPSHAG
Predicted Reactivity:	Cow: 93%, Dog: 93%, Horse: 93%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against CTF1. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	Cardiotrophin 1 (CTF1)
Alternative Name:	CTF1 ( <a href="#">CTF1 Products</a> )
Background:	CTF1 induces cardiac myocyte hypertrophy in vitro. It binds to and activates the ILST/gp130

## Target Details

receptor. It belongs to the IL-6 superfamily.

Alias Symbols: CT-1, CT1

Protein Interaction Partner: MAGEA6, APP, EP300, IL6ST, LIFR,

Protein Size: 201

Molecular Weight: 21 kDa

Gene ID: 1489

NCBI Accession: [NM\\_001330](#), [NP\\_001321](#)

UniProt: [Q16619](#)

Pathways: [JAK-STAT Signaling](#)

## Application Details

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

Comment: Antigen size: 201 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

**Image 1.** WB Suggested Anti-CTF1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: 21\_B cell lysate

CTF1 is supported by BioGPS gene expression data to be expressed in 721\_B

Western Blotting

**Image 2.** WB Suggested Anti-CTF1 Antibody Titration: 0.2-1 ug/ml

**ELISA Titer:** 1:12500

**Positive Control:** 721\_B cell lysate