

Datasheet for ABIN2784702

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

Overview

Quantity:	100 µL
Target:	Cardiotrophin 1 (CTF1)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Horse, Cow, Dog, Pig
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:	MSRREGSLED PQTDSVSLL PHLEAKIRQT HSLAHLTKY AEQLQYVQ
Predicted Reactivity:	Cow: 93%, Dog: 93%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 92%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against CTF1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Cardiotrophin 1 (CTF1)
Alternative Name:	CTF1 (CTF1 Products)

Target Details

Background:	CTF1 induces cardiac myocyte hypertrophy in vitro. It binds to and activates the ILST/gp130 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 ug/ml

Positive Control: HepG2 cell lysate