

ARG66034 anti-Cardiotrophin 1 antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes Cardiotrophin 1
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Cardiotrophin 1
Species	Human
Immunogen	E. coli derived recombinant Human Cardiotrophin 1. (SRREGSLEDP QTDSSVSLP HLEAKIRQTH SLAHLTKYA EQLLQEYVQL QGDPFGLPSF SPPRLPVAGL SAPAPSHAGL PVHERLRDLA AALAALPPLL DAVCRRQAEL NPRAPRLRR LEDAARQARA LGAAVEALLA ALGAANRGR AEPPAATASA ASATGVFPAK VLGLRVCGLY REWLSRTEGD LGQLPGGSA)
Conjugation	Biotin
Alternate Names	CT-1; CT1; Cardiotrophin-1

Application Instructions

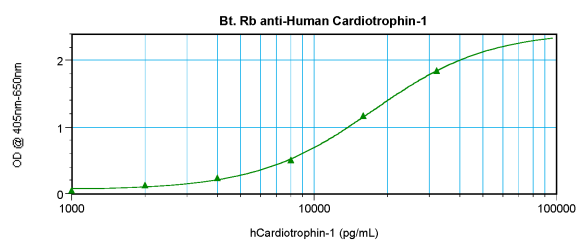
Application table	Application	Dilution
	ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG66033 as a capture antibody
	WB	0.1 - 0.2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

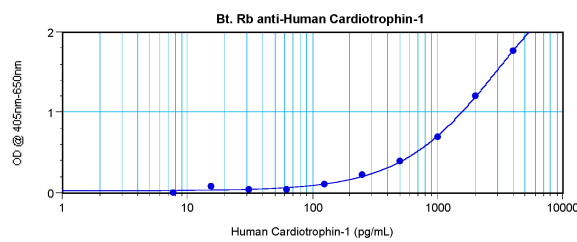
Database links	GeneID: 1489 Human Swiss-port # Q16619 Human
Gene Symbol	CTF1
Gene Full Name	cardiotrophin 1
Background	The protein encoded by this gene is a secreted cytokine that induces cardiac myocyte hypertrophy in vitro. It has been shown to bind and activate the ILST/gp130 receptor. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]
Function	Induces cardiac myocyte hypertrophy in vitro. Binds to and activates the ILST/gp130 receptor. [UniProt]
Calculated Mw	21 kDa

Images



ARG66034 anti-Cardiotrophin 1 antibody (Biotin) standard curve image

Direct ELISA: ARG66034 anti-Cardiotrophin 1 antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66034 anti-Cardiotrophin 1 antibody (Biotin) standard curve image

Sandwich ELISA: ARG66034 anti-Cardiotrophin 1 antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG66033 anti-Cardiotrophin 1 antibody as a capture antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.