

Cardiotrophin-1 Polyclonal Antibody

Catalog # AP68821

Product Information

Application WB, IHC-P **Primary Accession** Q16619

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 21227

Additional Information

Gene ID 1489

Other Names CTF1; Cardiotrophin-1; CT-1

Dilution WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name CTF1

Function Induces cardiac myocyte hypertrophy in vitro. Binds to and activates the

ILST/gp130 receptor.

Cellular Location Secreted.

Tissue Location Highly expressed in heart, skeletal muscle, prostate and ovary. Lower levels in

lung, kidney, pancreas, thymus, testis and small intestine. Little or no expression in brain, placenta, liver, spleen, colon or peripheral blood

leukocytes

Background

Induces cardiac myocyte hypertrophy in vitro. Binds to and activates the ILST/gp130 receptor.

Images



Western Blot analysis of various cells using Cardiotrophin-1 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.