



# Cardiotrophin-1 rabbit pAb

Cat No.:ES1842

For research use only

## Overview

<b>Product Name</b>	Cardiotrophin-1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Cardiotrophin-1. AA range:31-80
<b>Specificity</b>	Cardiotrophin-1 Polyclonal Antibody detects endogenous levels of Cardiotrophin-1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Cardiotrophin-1
<b>Gene Name</b>	CTF1
<b>Cellular localization</b>	Secreted.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	21kD
<b>Human Gene ID</b>	1489
<b>Human Swiss-Prot Number</b>	Q16619
<b>Alternative Names</b>	CTF1; Cardiotrophin-1; CT-1
<b>Background</b>	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],



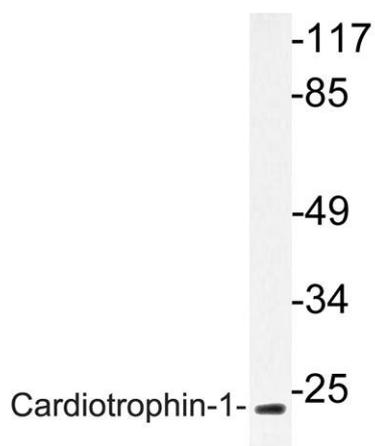
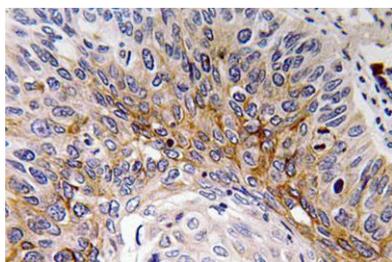


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Western Blot analysis of various cells using  
Cardiotrophin-1 Polyclonal Antibody

Immunohistochemistry analysis of Cardiotrophin-1  
antibody in paraffin-embedded human lung carcinoma  
tissue.



Western blot analysis of lysate from HUVEC cells, using  
Cardiotrophin-1 antibody.



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