

**Anti-Human/Mouse/Rat CTF1 Polyclonal Antibody**  
**Polyclonal Antibody**

**Cat.NO.: PA02439**

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3th Edition

**Description:**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.CTF1 (Cardiotrophin 1) is a Protein Coding gene. Diseases associated with CTF1 include Neonatal Stroke and Hypertensive Heart Disease. Among its related pathways are NFAT and Cardiac Hypertrophy and Innate Immune System. GO annotations related to this gene include cytokine activity and leukemia inhibitory factor receptor binding.

**Antigen:**Synthesized peptide derived from the N-terminal region of human Cardiotrophin-1.

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**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.