

Rabbit Cardiostrophin-1 Polyclonal Antibody | anti-CTF1 antibody

Cardiostrophin-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327500	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Cardiostrophin-1; Polyclonal Antibody; Cardiostrophin-1 Antibody; Cardiophin 1; Cardiophin1; Cardiostrophin I; Cardiostrophin1; CardiostrophinI; CT 1; CT-1; CT1; CTF 1; Ctf1; CTF1_HUMAN; anti-CTF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Cardiostrophin-1 antibody detects endogenous levels of total Cardiostrophin-1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	200
Applicable Applications for anti-CTF1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Cardiostrophin-1
Subcellular Location	Secreted.
Tissue 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.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog
Similarity	Pig (92%), Bovine (92%), Horse (92%), Rabbit (92%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA327500 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of Cardiotrophin-1 using COLO205 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CTF1 antibody	Function: Induces cardiac myocyte hypertrophy in vitro. Binds to and activates the ILST/gp130 receptor. Similarity: Belongs to the IL-6 superfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	216548056
NCBI GeneID	1489
NCBI Accession #	NP_001136016.1
NCBI GenBank Nucleotide #	NM_001142544.1
UniProt Accession #	Q16619; Q5U5Y7; A8MVX4
Molecular Weight	Observed: 21 kDa Predicted: 22 kDa
NCBI Official Full Name	cardiotrophin-1 isoform 2
NCBI Official Synonym Full Names	cardiotrophin 1
NCBI Official Symbol	CTF1
NCBI Official Synonym Symbols	CT1; CT-1
NCBI Protein Information	cardiotrophin-1
UniProt Protein Name	Cardiotrophin-1
UniProt Gene Name	CTF1
UniProt Synonym Gene Names	CT-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cardiotrophin-1-antibody-immunohistochemistry-western-blot-elisa/327500>