

Anti-Cytochrome C CYCS Rabbit Monoclonal Antibody

Catalog Number: M03529-2

About CYCS

Receptor for bradykinin. It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system.

Overview

Product Name	Anti-Cytochrome C CYCS Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Cytochrome C CYCS Rabbit Monoclonal Antibody catalog # M03529-2. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IF, IHC, ICC, WB
Clonality	Monoclonal GOC-3
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P99999

Technical Details

Immunogen	A synthesized peptide derived from human Cytochrome C
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB 1:1000-1:2000</p> <p>IHC 1:50-1:200</p> <p>ICC/IF 1:50-1:200</p>

	IP 1:30
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Anti-Cytochrome C CYCS Rabbit Monoclonal Antibody (M03529-2) Images

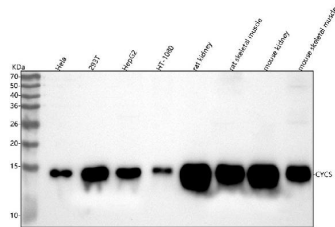
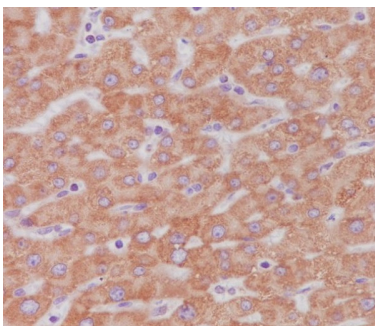


Figure 1. Western blot analysis of CYCS using anti-CYCS antibody (M03529-2).

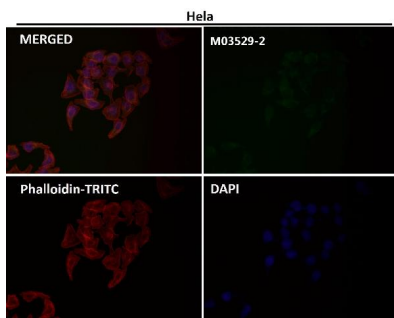
Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human Hela whole cell lysates,
Lane 2: human 293T whole cell lysates,
Lane 3: human HepG2 whole cell lysates,
Lane 4: human HT-1080 whole cell lysates,
Lane 5: rat kidney tissue lysates,
Lane 6: rat skeletal muscle tissue lysates,
Lane 7: mouse kidney tissue lysates,
Lane 8: mouse skeletal muscle tissue lysates.

After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CYCS antigen affinity purified monoclonal antibody (Catalog # M03529-2) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for CYCS at approximately 14 kDa. The expected band size for CYCS is at 12 kDa.

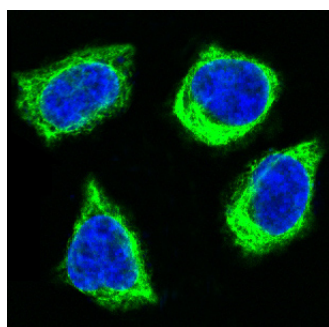
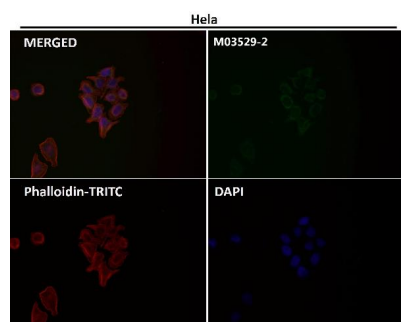


Immunohistochemical analysis of paraffin-embedded human liver, using Cytochrome C Antibody.

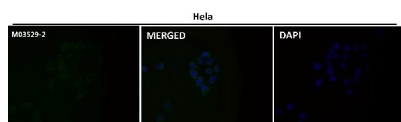


Immunofluorescent analysis using the Antibody at 1:50 dilution.

Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis of HeLa cells, using Cytochrome C Antibody.



Immunofluorescent analysis using the Antibody at 1:50 dilution.

13 Publications Citing This Product

1. PubMed ID: 32733634, Zhang T, Chen Y, Cai J, Pan M, Sun Q, Zhang J, Sun C. SOCS2 Inhibits Mitochondrial Fatty Acid Oxidation via Suppressing LepR/JAK2/AMPK Signaling Pathway in Mouse Adipocytes. *Oxid Med Cell Longev*. 2020 Jul 13;2020:3742542. doi:10.1155/2020/3742542. PMID:32733634; PMCID: PMC7342542
2. PubMed ID: 25336971, Song D, Yue W, Li Z, Li J, Zhao J, Zhang N. Onco Targets Ther. 2014 Sep 30;7:1801-10. Doi: 10.2147/Ott.S52426. Ecollection 2014. Study Of The Mechanism Of Sonodynamic Therapy In A Rat Glioma Model.
3. PubMed ID: 28860994, Pioglitazone improves mitochondrial function in the remnant kidney and protects against renal fibrosis in 5/6 nephrectomized rats

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