

Anti-COX1 PTGS1 Rabbit Monoclonal Antibody

Catalog Number: M00811

About PTGS1

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

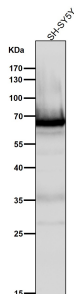
Product Name	Anti-COX1 PTGS1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-COX1 PTGS1 Rabbit Monoclonal Antibody catalog # M00811. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal FHF-16
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	P23219

Technical Details

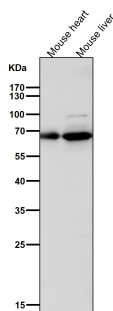
Immunogen	A synthesized peptide derived from human COX1
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:1000-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
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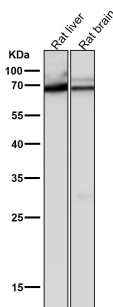
Anti-COX1 PTGS1 Rabbit Monoclonal Antibody (M00811) Images



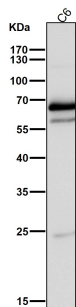
All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



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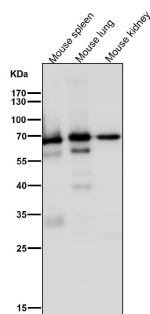


All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.

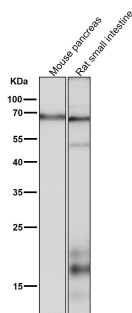


All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.

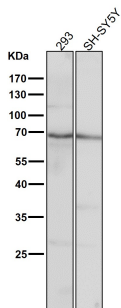
All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



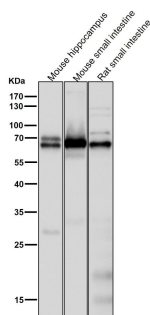
All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



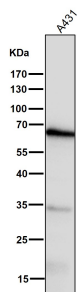
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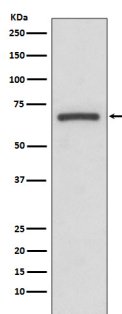


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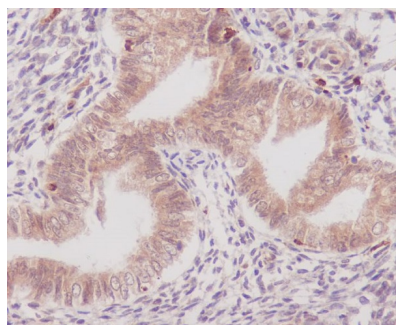


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Western blot analysis of COX1 expression in A431 cell lysate.



Immunohistochemical analysis of paraffin-embedded human uterus, using COX1 Antibody.

3 Publications Citing This Product

1. PubMed ID: 25834054, Deletion of Mitochondrial Anchoring Protects Dysmyelinating Shiverer: Implications for Progressive MS
2. PubMed ID: 24892779, Preparation and Characterization of a Novel Aspirin Derivative with Anti-Thrombotic and Gastric Mucosal Protection Properties
3. PubMed ID: 30150280, Combination of fasudil and celecoxib promotes the recovery of injured spinal cord in rats better than celecoxib or fasudil alone

Visit bosterbio.com/anti-cox1-rabbit-monoclonal-antibody-m00811-boster.html to see all 3 publications.

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