

For Research Use Only

Aconitase 1 Polyclonal antibody

Catalog Number: 12406-1-AP **5 Publications**



Basic Information

Catalog Number:
12406-1-AP

Size:
150ul , Concentration: 300 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG3083

GenBank Accession Number:
BC018103

GeneID (NCBI):
48

Full Name:
aconitase 1, soluble

Calculated MW:
889 aa, 98 kDa

Observed MW:
98 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:5000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IF 1:50-1:500

Applications

Tested Applications:
IF, IP, WB, ELISA

Cited Applications:
IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, mouse

Positive Controls:

WB: mouse kidney tissue, HepG2 cells, mouse liver tissue

IP: mouse liver tissue,

IF: U2OS cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Lalit Pukhrambam Singh	35187384	JOJ Ophthalmol	WB
Haipeng Cheng	34175430	Biochim Biophys Acta Mol Basis Dis	WB
Sara Ceccacci	32498414	Biomolecules	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

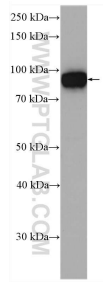
For technical support and original validation data for this product please contact:

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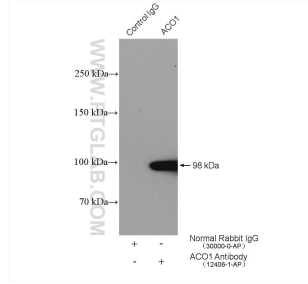
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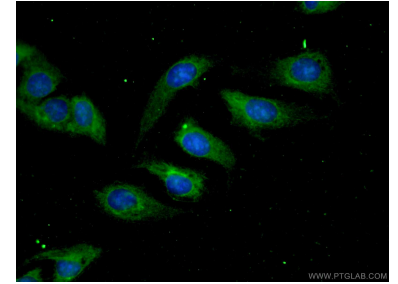
Selected Validation Data



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 12406-1-AP (Aconitase 1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-Aconitase 1 (IP:12406-1-AP, 4ug; Detection:12406-1-AP 1:300) with mouse liver tissue lysate 2400 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using 12406-1-AP (Aconitase 1 antibody) at dilution of 1:50 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).