

## COX1 antibody

Cat. No. GTX22338

|              |                   |
|--------------|-------------------|
| Host         | Goat              |
| Clonality    | Polyclonal        |
| Isotype      | IgG               |
| Applications | WB, ICC/IF, IHC-P |
| Reactivity   | Human, Mouse      |

Package  
50 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 0.5-2µg/ml           |
| ICC/IF             | 5µg/ml               |
| IHC-P              | 3 - 5 µg/ml          |

**Note : Strong expression of the protein seen in the Golgi apparatus and vesicles of NIH3T3 cells.**

Not tested in other applications.

|               |                                                                                                                      |
|---------------|----------------------------------------------------------------------------------------------------------------------|
| Calculated MW | 69 kDa. ( <a href="#">Note</a> )                                                                                     |
| Product Note  | This antibody is expected to recognise both human isoforms of this protein according to NP_000953.2 and NP_542158.1. |

## Properties

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | TBS, 0.5% BSA                                                                                                                                                                                                              |
| Preservative  | 0.02% Sodium azide                                                                                                                                                                                                         |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.50 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                |
| Immunogen     | Peptide with sequence C-QDDGPAVERPSTEL, from the C Terminus of the protein sequence according to NP_000953.2; NP_542158.1.                                                                                                 |
| Purification  | Purified by ammonium sulphate precipitation followed by antigen affinity chromatography                                                                                                                                    |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |



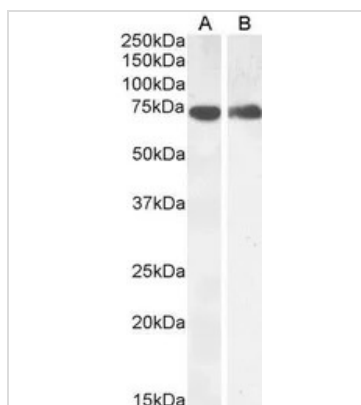
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## Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES

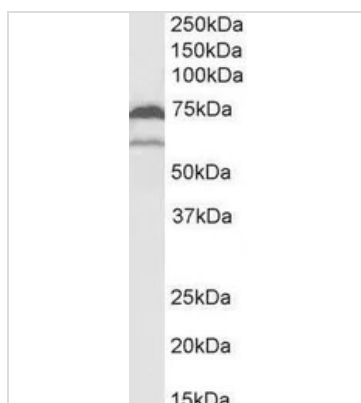


### GTx22338 WB Image

WB analysis of mouse kidney (A) and skeletal muscle (B) lysate using GTx22338 COX1 antibody.

Dilution : 0.5µg/ml

Loading : 35µg protein in RIPA buffer

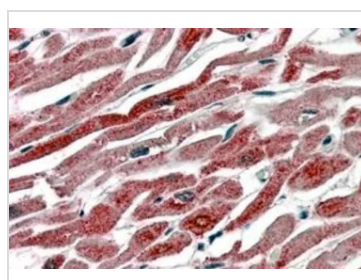


### GTx22338 WB Image

WB analysis of U937 lysate using GTx22338 COX1 antibody.

Dilution : 2µg/ml

Loading : 35µg protein in RIPA buffer



### GTx22338 IHC-P Image

IHC-P analysis of human heart using GTx22338 COX1 antibody.

Antigen retrieval : citrate buffer pH 6

Dilution : 3.8µg/ml



For full product information, images and publications, please visit our [website](https://www.genetex.com).