antibodies -online.com





anti-COX7A1 antibody



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| Quantity: | 50 μL |
|--------------|---------------------------------------|
| Target: | COX7A1 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This COX7A1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| Immunogen: | Recombinant protein of human COX7A1 | |
|---------------|-------------------------------------|--|
| Isotype: | IgG | |
| Purification: | Affinity purification | |

Target Details

| Target: | COX7A1 |
|-------------------|--|
| Alternative Name: | COX7A1 (COX7A1 Products) |
| Background: | Cytochrome c oxidase (COX), the terminal component of the mitochondrial respiratory chain, |
| | catalyzes the electron transfer from reduced cytochrome c to oxygen. This component is a |
| | heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and |
| | multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits |
| | function in electron transfer, and the nuclear-encoded subunits may function in the regulation |

Target Details

| | and assembly of the complex. This nuclear gene encodes polypeptide 1 (muscle isoform) of |
|-------------------|---|
| | subunit VIIa and the polypeptide 1 is present only in muscle tissues. Other polypeptides of |
| | subunit VIIa are present in both muscle and nonmuscle tissues, and are encoded by different |
| | genes. |
| Molecular Weight: | 9.118 kDa |
| Gene ID: | 1346 |
| UniProt: | P24310 |

Pathways:

Proton Transport

Application Details

| Application Notes: | WB 1:500 - 1:2000 |
|--------------------|-----------------------|
| Restrictions: | For Research Use only |

Handling

| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3. |
|--------------------|--|
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20C. Avoid freeze / thaw cycles. |