

ARG40453 anti-MTCO3 antibody

Package: 100 µl
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes MTCO3 |
| Tested Reactivity | Ms, Rat |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | MTCO3 |
| Species | Mouse |
| Immunogen | Synthetic peptide within aa. 1-100 of Mouse MTCO3 (NP_904334.1). |
| Conjugation | Un-conjugated |
| Alternate Names | COX3; Cytochrome c oxidase polypeptide III; Cytochrome c oxidase subunit 3; COIII; MTCO3 |

Application Instructions

| | | |
|-------------------|--|----------------|
| Application table | Application | Dilution |
| | WB | 1:500 - 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | Mouse liver | |
| Observed Size | 30 kDa | |

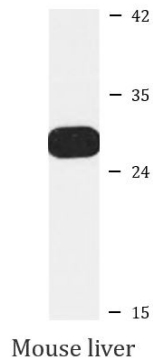
Properties

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|---------------------|---|
| Form | Liquid |
| Purification | Affinity purified. |
| Buffer | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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|-----------------------|--|
| Gene Symbol | MT-CO3 |
| Gene Full Name | mitochondrially encoded cytochrome c oxidase III |
| Function | Subunits I, II and III form the functional core of the enzyme complex. [UniProt] |
| Calculated Mw | 30 kDa |
| Cellular Localization | Mitochondrion inner membrane; Multi-pass membrane protein. [UniProt] |

Images



ARG40453 anti-MTCO3 antibody WB image

Western blot: 25 µg of Mouse liver lysate stained with ARG40453 anti-MTCO3 antibody at 1:1000 dilution.