

ARG66854 anti-NADH2 / MT-ND2 antibody

Package: 100 µg
Store at: -20°C

Summary

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|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes NADH2 / MT-ND2 |
| Tested Reactivity | Hu |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | NADH2 / MT-ND2 |
| Species | Human |
| Immunogen | Synthetic peptide between aa. 40-120 of Human NADH2 / MT-ND2. |
| Conjugation | Un-conjugated |
| Alternate Names | NADH-ubiquinone oxidoreductase chain 2; ND2; MTND2; EC 1.6.5.3; NADH dehydrogenase subunit 2 |

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 | SH-SY5Y | |
| Observed Size | ~ 39 kDa | |

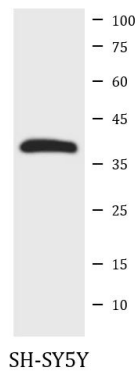
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | PBS, 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Concentration | 1 mg/ml |
| 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-ND2 |
| Gene Full Name | mitochondrially encoded NADH dehydrogenase 2 |
| Function | Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone (By similarity). [UniProt] |
| Calculated Mw | 39 kDa |
| Cellular Localization | Mitochondrion inner membrane; Multi-pass membrane protein. [UniProt] |

Images



ARG66854 anti-NADH2 / MT-ND2 antibody WB image

Western blot: SH-SY5Y cell lysate stained with ARG66854 anti-NADH2 / MT-ND2 antibody at 1:1000 dilution, overnight at 4°C.