

## **Product datasheet for TA342086**

## MT ND5 Rabbit Polyclonal Antibody

## **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

**Isotype:** IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-ND5 antibody: synthetic peptide directed towards the N terminal of

human ND5. Synthetic peptide located within the following region: SIVASTFIISLFPTTMFMCLDQEVIISNWHWATTQTTQLSLSFKLDYFSM

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 66 kDa

Database Link: NP 776061

Entrez Gene 4540 Human

Background: ND5 isThe core subunit ofThe 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.

Note: Immunogen Sequence Homology: Human: 100%

**Protein Families:** Transmembrane

**Protein Pathways:** Metabolic pathways, Oxidative phosphorylation, Parkinson's disease



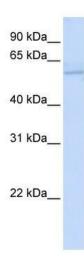
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## **Product images:**



WB Suggested Anti-ND5 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 100; Positive Control: 721\_B cell lysate