

## 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: SIVASTFIISLFPTTMFMCLDQEVIIISNWHWATTQTTQLSLSFKLDYFSM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	<a href="#">NP_776061</a> <a href="#">Entrez Gene 4540 Human</a>
Background:	ND5 isThe core subunit ofThe mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong toThe minimal assembly required for catalysis. Complex I functions inThe transfer of electrons from NADH toThe respiratory chain.The immediate electron acceptor forThe 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