

Product datasheet for **TA362421**

NDUFB2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human NDUFB2
Specificity:	Expected reactivity: Human
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
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	11 kDa
Gene Name:	NADH:ubiquinone oxidoreductase subunit B2
Database Link:	NP_004537.1 Entrez Gene 4708 Human O95178



[View online »](#)

Background:

The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays a important role in transferring electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Hydropathy analysis revealed that this subunit and 4 other subunits have an overall hydrophilic pattern, even though they are found within the hydrophobic protein (HP) fraction of complex I.

Synonyms:

AGGG; CI-AGGG; MGC70788

Protein Pathways:

Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

Product images:


Host: Rabbit
 Target Name: NDUFB2
 Sample Type: HCT116 Cell Lysate
 Antibody Dilution: 1.0µg/ml

Host: Rabbit
 Target Name: NDUFB2
 Sample Tissue: Human HCT116 Whole Cell lysates
 Antibody Dilution: 1ug/ml