

Product datasheet for TA308225

NDUFB5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Chimpanzee, Bovine, Rhesus Monkey)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region within amino acids 126 and 189 of NDUFB5 (Uniprot ID#O43674)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	22 kDa
Gene Name:	NADH:ubiquinone oxidoreductase subunit B5
Database Link:	NP_002483 Entrez Gene 4711 Human O43674
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. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. [provided by RefSeq]
Synonyms:	CISGDH; SGD H

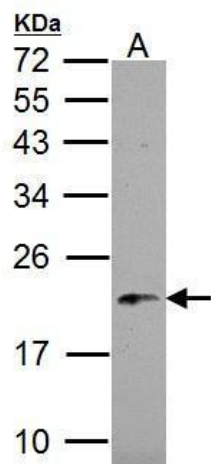

[View online »](#)

Note: Seq homology of immunogen across species: Rhesus Monkey (100%), Chimpanzee (100%), Bovine (100%)

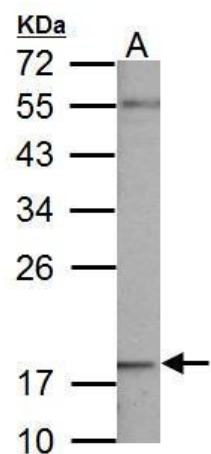
Protein Families: Transmembrane

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

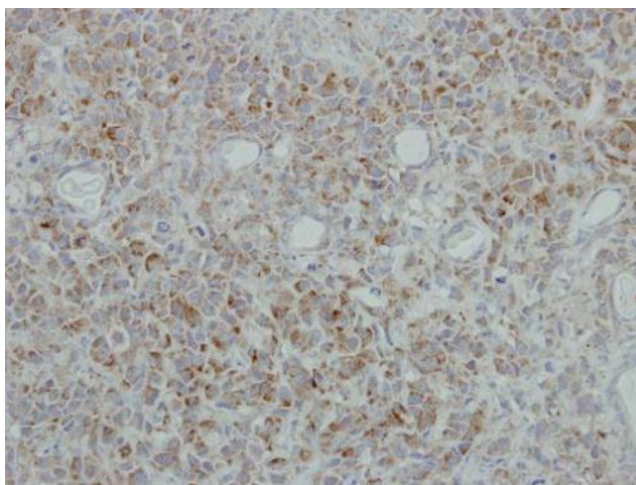
Product images:



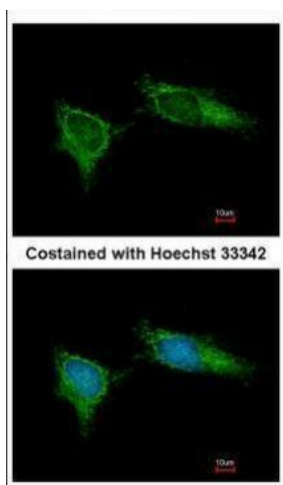
NDUFB5 antibody detects NDUFB5 protein by Western blot analysis. A. 30 ug 293T whole cell lysate/extract. 12 % SDS-PAGE. NDUFB5 antibody (TA308225) dilution: 1:1000



NDUFB5 antibody detects NDUFB5 protein by Western blot analysis. A. 50 ug mouse brain lysate/extract. 12 % SDS-PAGE. NDUFB5 antibody (TA308225) dilution: 1:1000



Immunohistochemical analysis of paraffin-embedded HBL435 xenograft, using NDUFB5 (TA308225) antibody at 1:500 dilution.



Immunofluorescence analysis of methanol-fixed HeLa, using NDUFB5 (TA308225) antibody at 1:200 dilution.