

**NDUFS6 rabbit pAb****Cat#: orb769227 (Manual)**

For research use only. Not intended for diagnostic use.

<b>Product Name</b>	NDUFS6 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NDUFS6. AA range:75-124
<b>Specificity</b>	NDUFS6 Polyclonal Antibody detects endogenous levels of NDUFS6 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6 mitochondrial
<b>Gene Name</b>	NDUFS6
<b>Cellular localization</b>	Mitochondrion inner membrane ; Peripheral membrane protein ; Matrix side .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

**Concentration** 1 mg/ml

**Observed band**

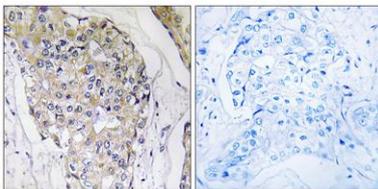
**Human Gene ID** 4726

**Human Swiss-Prot Number** O75380

**Alternative Names** NDUFS6; NADH dehydrogenase [ubiquinone] iron-sulfur protein 6; mitochondrial; Complex I-13kD-A; CI-13kD-A; NADH-ubiquinone oxidoreductase 13 kDa-A subunit

**Background**

This gene encodes a subunit of the NADH:ubiquinone oxidoreductase (complex I), which is the first enzyme complex in the electron transport chain of mitochondria. This complex functions in the transfer of electrons from NADH to the respiratory chain. The subunit encoded by this gene is one of seven subunits in the iron-sulfur protein fraction. Mutations in this gene cause mitochondrial complex I deficiency, a disease that causes a wide variety of clinical disorders, including neonatal disease and adult-onset neurodegenerative disorders.[provided by RefSeq, Oct 2009],



**Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using NDUFS6 Antibody. The picture on the right is blocked with the synthesized peptide.**