

## CAB24466

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### Product Information

<b>Product SKU:</b>	CAB24466	<b>Gene ID:</b>	374291	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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### Additional Information

<b>Observed MW:</b>	20kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	22kDa/23kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** This gene encodes a protein that is a subunit of one of the complexes that forms the mitochondrial respiratory chain. This protein is one of over 40 subunits found in complex I, the nicotinamide adenine dinucleotide (NADH):ubiquinone oxidoreductase. This complex functions in the transfer of electrons from NADH to the respiratory chain, and ubiquinone is believed to be the immediate electron acceptor for the enzyme. Mutations in this gene cause Leigh syndrome due to mitochondrial complex I deficiency, a severe neurological disorder that results in bilaterally symmetrical necrotic lesions in subcortical brain regions.

**Recommended Dilution:** WB, 1:1000 - 1:5000

**Synonyms:** NDUFS7; CI-20; CI-20KD; MY017; PSST; NADH:ubiquinone oxidoreductase core subunit S7

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 80-160 of human NDUFS7 (NP\_077718.3).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.