

Product Information

Product SKU:	CAB8135	Gene ID:	17721	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	67kDa	Conjugate:	Unconjugated
Calculated MW:	67kDa	Isotype:	IgG

Immunogen Information

Background:	Contributes to NADH dehydrogenase (ubiquinone) activity. Predicted to be involved in electron transport coupled proton transport; mitochondrial electron transport, NADH to ubiquinone; and mitochondrial respiratory chain complex I assembly. Located in mitochondrion. Is expressed in central nervous system; heart; liver; metanephros; and retina. Human ortholog(s) of this gene implicated in Leber hereditary optic neuropathy; Leigh disease; and MELAS syndrome. Orthologous to human MT-ND5 (mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 5).
Recommended Dilution:	WB,1:500 - 1:2000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200
Synonyms:	ND5; MT-ND5
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 500-607 of mouse MT-ND5 (NP_904338.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.