

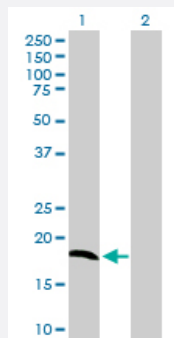
MaxPab®

NDUFA8 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004702-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NDUFA8 expression in transfected 293T cell line ([H00004702-T01](#)) by NDUFA8 MaxPab polyclonal antibody.

Lane 1: NDUFA8 transfected lysate(18.92 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NDUFA8 protein.
Immunogen	NDUFA8 (NP_055037.1, 1 a.a. ~ 172 a.a) full-length human protein.
Sequence	MPGVELPTLEELKVDEVKISSAVLKAAAHHYGAQCDKPNKEFMLCRWEEKDPRRCLEEGKLVN KCALDFFRQIKRHCAEPFTEYWTCDYTGQQLFRHCRKQQAQFDECVLDKLGWVRPDLGELSKV TKVKTDRLPENPYHSRPRPDPSPEIEGDLQPATHGSRFYFWTK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — NDUFA8

Entrez GeneID [4702](#)

GeneBank Accession# [NM_014222.2](#)

Protein Accession# [NP_055037.1](#)

Gene Name NDUFA8

Gene Alias CI-19KD, C1PGIV, MGC793, PGIV

Gene Description NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8, 19kDa

Omim ID [603359](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the complex I 19 kDa subunit family. Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays an important role in transferring electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. [provided by RefSeq]

Other Designations NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8 (19kD, PGIV)|NADH-ubiquinone oxidoreductase 19 kDa subunit|NADH:ubiquinone oxidoreductase PGIV subunit|OTTHUMP00000022034

Pathway

- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)

Disease

- [Alzheimer disease](#)
- [Cognition](#)
- [Tobacco Use Disorder](#)