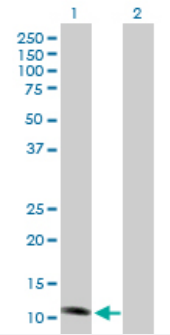
MaxPab®

NDUFS6 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004726-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NDUFS6 expression in transfected 293T cell line (H00004726-T01) by NDUFS6 MaxPab polyclonal antibody.

Lane 1: NDUFS6 transfected lysate(13.64 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NDUFS6 protein.
Immunogen	NDUFS6 (NP_004544.1, 1 a.a. ~ 124 a.a) full-length human protein.
Sequence	MAAAMTFCRLLNRCGEAARSLPLGARCFGVRVSPTGEKVTHTGQVYDDKDYRRIRFVGRQKEVN ENFAIDLIAEQPVSEVETRVIACDGGGGALGHPKVYINLDKETKTGTCGYCGLQFRQHHH
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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  Western Blot analysis of NDUFS6 expression in transfected 293T cell line (H00004726-T01) by NDUFS6 MaxPab polyclonal antibody.

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  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — NDUFS6

Entrez GeneID	4726
GeneBank Accession#	NM_004553.3
Protein Accession#	NP_004544.1
Gene Name	NDUFS6
Gene Alias	-
Gene Description	NADH dehydrogenase (ubiquinone) Fe-S protein 6, 13kDa (NADH-coenzyme Q reductase)
Omim ID	252010 603848
Gene Ontology	Hyperlink
Gene Summary	The multisubunit NADH:ubiquinone oxidoreductase (complex I) is the first enzyme complex in the electron transport chain of mitochondria. The iron-sulfur protein (IP) fraction is made up of 7 subun its, including NDUFS6. See NDUFS1 (MIM 157655).[supplied by OMIM
Other Designations	-

Publication Reference

- Network Clustering Revealed the Systemic Alterations of Mitochondrial Protein Expression.

  Jeon J, Jeong JH, Baek JH, Koo HJ, Park WH, Yang JS, Yu MH, Kim S, Pak YK.

  PLoS Computational Biology 2011 Jun; 7(6):e1002093.

  Application: WB-Ce, Human, 143B TK- osteosarcoma cells

Pathway

- Metabolic pathways
- Oxidative phosphorylation

Disease

- Alzheimer disease
- Cognition
- Genetic Predisposition to Disease
- Prostatic Neoplasms