

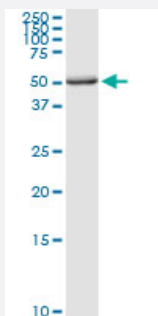
MaxPab®

PDHX MaxPab rabbit polyclonal antibody (D01)

Catalog # H00008050-D01

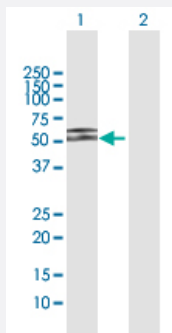
Size 100 uL

Applications



Western Blot (Cell lysate)

PDHX MaxPab rabbit polyclonal antibody. Western Blot analysis of PDHX expression in HepG2.

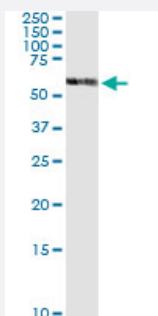


Western Blot (Transfected lysate)

Western Blot analysis of PDHX expression in transfected 293T cell line ([H00008050-T01](#)) by PDHX MaxPab polyclonal antibody.

Lane 1: PDHX transfected lysate(54.10 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of PDHX transfected lysate using anti-PDHX MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PDHX purified MaxPab mouse polyclonal antibody (B01P) ([H00008050-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PDHX protein.

Immunogen	PDHX (AAH10389.1, 1 a.a. ~ 501 a.a) full-length human protein.
Sequence	MAASWRLGCDPRLLRYLVGFPGRRSVGLVKGALGWSVSRGANWRWFHSTQWLRGDPIKILMPS LSPTMEEGNVWKWKKEGEAVSAGDALCEIETDKAVVTLDASDDGILAKIVVEEGSKNIRLGSLIGLI VEEGEDWKHVEIPKDVGP PPPVSKPSEPRPSPEPQISIPVKEHIPGTLRFRLSPAARNILEKHSL DASQGTATGPRGIFTKEDALKLVQLKQTGKITESRPTAPTATPTAPSPLQATAGPSYPRPVIPPV STPGQPNVAVGTFTFIPASNIRRVIAKRLTESKSTVPHAYATADCDLGAVLKVRQDLVKDDIKVSVN DFI KAAAVTLKQMPDVNVSWDGE GPKQLPFIDISVAVATVKGLLTPIIKDAAAKGIQEADSVKALS KKARDGKLLPEEYQGGSFSSISNLGMFGIDEFTAVINPPQACILAVGRFRFPVLKLTEDDEEGNAKLQQ RQLITVTMSSDSRVVDDELATRFLKSFKANLENPIRLA
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

PDHX MaxPab rabbit polyclonal antibody. Western Blot analysis of PDHX expression in HepG2.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PDHX expression in transfected 293T cell line ([H00008050-T01](#)) by PDHX MaxPab polyclonal antibody.

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- Immunoprecipitation

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[Protocol Download](#)

Gene Info — PDHX

Entrez GeneID [8050](#)**GeneBank Accession#** [BC010389.1](#)**Protein Accession#** [AAH10389.1](#)**Gene Name** PDHX**Gene Alias** DLDBP, E3BP, OPDX, PDX1, proX**Gene Description** pyruvate dehydrogenase complex, component X**Omim ID** [245349](#) [608769](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The PDHX gene encodes component X of the pyruvate dehydrogenase (PDH) complex. For a detailed description of the pyruvate dehydrogenase complex, see MIM 300502. The mammalian PDH complex differs from that in E. coli and from the other mammalian alpha-keto acid dehydrogenases by the presence of a 53-kD protein called protein X. Component X binds to the E3 (MIM 238331) component of the PDH complex (Robinson et al., 1990 [PubMed 2112155]; Aral et al., 1997 [PubMed 9399911]).[supplied by OMIM]

Other Designations E3-binding protein|pyruvate dehydrogenase complex, lipoyl-containing component X