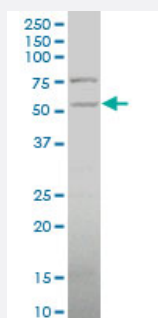


PDHX polyclonal antibody (A01)

Catalog # H00008050-A01

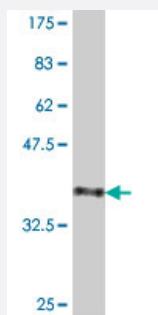
Size 50 uL

Applications



Western Blot (Cell lysate)

PDHX polyclonal antibody (A01), Lot # 051213JCO1 Western Blot analysis of PDHX expression in HepG2 (Cat # L019V1).



Western Blot detection against Immunogen (38.1 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PDHX.
Immunogen	PDHX (NP_003468, 1 a.a. ~ 109 a.a) partial recombinant protein with GST tag.
Sequence	MAASWRLGCDPRLRLRYLVGFPGRRSVGLVKGALGWSVSRGRNWRWFHSTQWLRGDPIKILMPS LSPTMEEGNMKWLKKEGEAVSAGDALCEIETDKAVVTLDASDDGI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (38.1 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

PDHX polyclonal antibody (A01), Lot # 051213JCO1 Western Blot analysis of PDHX expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PDHX

Entrez GeneID

[8050](#)

GeneBank Accession#

[NM_003477](#)

Protein Accession#

[NP_003468](#)

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
