

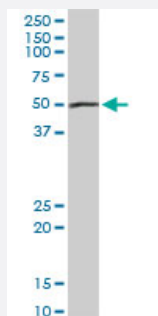
MaxPab®

PEPD purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005184-D01P

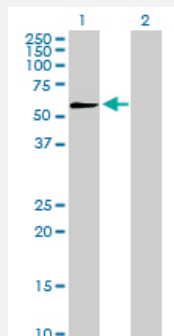
Size 100 ug

Applications



Western Blot (Tissue lysate)

PEPD MaxPab rabbit polyclonal antibody. Western Blot analysis of PEPD expression in human kidney.



Western Blot (Transfected lysate)

Western Blot analysis of PEPD expression in transfected 293T cell line ([H00005184-T01](#)) by PEPD MaxPab polyclonal antibody.

Lane 1: PEPD transfected lysate(54.60 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

Immunogen

PEPD (AAH28295.1, 1 a.a. ~ 493 a.a) full-length human protein.

Sequence

MAAATGPSFWLGNETLKVPLALFALNRQLCERLRKNPAVQAGSMVLQGGEETQRYCTDTGVL
FRQESFFHWAFGVTEPGCYGVIDVDTGKSTLFVPRLPASHATWMGKIHSKEHFKEKYAVDDVQY
VDEIASVLTSQKPSVLLTLRGVNTDSGSVCREASFDGISKFEVNNTILHPEIVECRVFKTDMLEVL
RYTNKISSEAHREVMKAVKVGMMKEYELESLEHYCYSRGGMHRSSYTCICGSGENSAVLHYGHAG
APNDRTIQNGDMCLFDMGGEYYCFASDITCSFPANGKFTADQKAVYEAVLRSSRAVMGAMKPGV
WWPDMHRLADRIHLEELAHMGILSGSV DAMVQAHLGAVFMPHGLGHFLGIDVHDVGGYPEGVE
RIDEPLRLRLRTARHLQPGMVL TVEPGYFIDHLLDEALADPARASFFNREVLQRFGRFGGVRIEE
DVVVTDSGIELLTCVPRTVEEIEACMAGCDKAFTPFSGPK

Host	Rabbit
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

- Western Blot (Tissue lysate)

PEPD MaxPab rabbit polyclonal antibody. Western Blot analysis of PEPD expression in human kidney.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PEPD expression in transfected 293T cell line ([H00005184-T01](#)) by PEPD MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — PEPD

Entrez GeneID	5184
GeneBank Accession#	BC028295.1
Protein Accession#	AAH28295.1
Gene Name	PEPD
Gene Alias	MGC10905, PROLIDASE
Gene Description	peptidase D
Omim ID	170100
Gene Ontology	Hyperlink

Gene Summary

Xaa-Pro dipeptidase is a cytosolic dipeptidase that hydrolyzes dipeptides with proline or hydroxy proline at the carboxy terminus (but not Pro-Pro). It is important in collagen metabolism because of the high levels of iminoacids. [provided by RefSeq]

Other Designations

imidodipeptidase|proline dipeptidase

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)