

Rabbit PEPD Polyclonal Antibody | anti-PEPD antibody

PEPD Polyclonal Antibody

CATALOG # AAA279892	HOST Rabbit	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	--

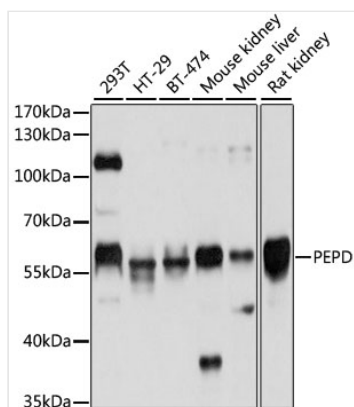
PRODUCT SYNONYMS

PEPD; Polyclonal Antibody; PEPD Polyclonal Antibody; PROLIDASE; anti-PEPD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.
Sequence Length	493
Applicable Applications for anti-PEPD antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 288-424 of human PEPD (NP_000276.2).
Species Reactivity/CrossReactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PEPD antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-PEPD antibody	This gene encodes a member of the peptidase family. The protein forms a homodimer that hydrolyzes dipeptides or tripeptides with C-terminal proline or hydroxyproline residues. The enzyme serves an important role in the recycling of proline, and may be rate limiting for the production of collagen. Mutations in this gene result in prolidase deficiency, which is characterized by the excretion of large amount of di- and tri-peptides containing proline. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PEPD antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	50403718
NCBI GeneID	5184
UniProt Accession #	P12955; Q8TBN9; Q9BT75; A8K3Z1; A8K416; A8K696; A8MX47; B4DDB7; B4DGJ1; E9PCE8
Molecular Weight	Observed MW: 54kDa Calculated MW: 54kDa
NCBI Official Full Name	Xaa-Pro dipeptidase
NCBI Official Synonym Full Names	peptidase D
NCBI Official Symbol	PEPD
NCBI Official Synonym Symbols	PROLIDASE
NCBI Protein Information	xaa-Pro dipeptidase; imidodipeptidase; X-Pro dipeptidase; proline dipeptidase; aminoacyl-L-proline hydrolase
UniProt Protein Name	Xaa-Pro dipeptidase
UniProt Gene Name	PEPD
UniProt Synonym Gene Names	PRD; X-Pro dipeptidase; Prolidase
UniProt Entry Name	PEPD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.