

PEPD Antibody

Catalog No: #32842

Package Size: #32842-1 50ul #32842-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

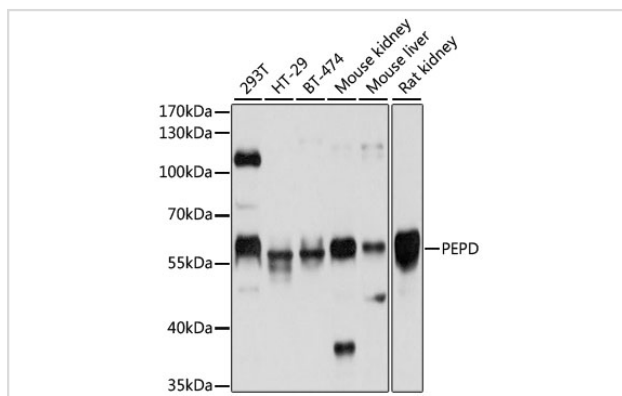
Description

Product Name	PEPD Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PEPD protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PEPD.
Target Name	PEPD
Other Names	PROLIDASE;
Accession No.	Swiss-Prot:P12955NCBI Gene ID:5184
Uniprot	P12955
GeneID	5184;
SDS-PAGE MW	54KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using PEPD at 1:1000 dilution.

Background

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.

Note: This product is for in vitro research use only