

PRD Antibody
Rabbit mAb
Catalog # AP93032

Specification

PRD Antibody - Product Information

Application	WB
Primary Accession	P12955
Clonality	Monoclonal
Other Names	
Pep4; pepD; Peptidase 4; Peptidase D; Prolidase; Proline dipeptidase; X pro dipeptidase;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	54548 Da

PRD Antibody - Additional Information

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PRD
Description	Splits dipeptides with a prolyl or hydroxyprolyl residue in the C-terminal position. Plays an important role in collagen metabolism because the high level of iminoacids in collagen.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

PRD Antibody - Protein Information

Name PEPD {ECO:0000303|PubMed:8198124, ECO:0000312|HGNC:HGNC:8840}

Function

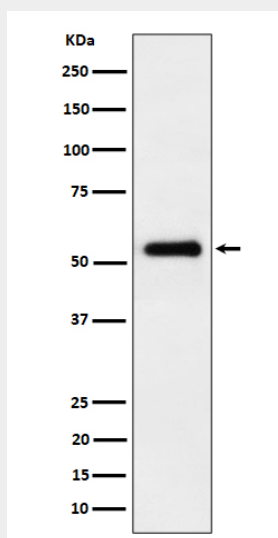
Dipeptidase that catalyzes the hydrolysis of dipeptides with a prolyl (Xaa-Pro) or hydroxyprolyl residue in the C-terminal position (PubMed:17081196, PubMed:35165443). The preferred dipeptide substrate is Gly-Pro, but other Xaa-Pro dipeptides, such as Ala-Pro, Met-Pro, Phe-Pro, Val-Pro and Leu-Pro, can be cleaved (PubMed:17081196). Plays an important role in collagen metabolism because the high level of iminoacids in collagen (PubMed:2925654).

PRD Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PRD Antibody - Images



Western blot analysis of PRD expression in HepG2 cell lysate.