
Product Name: PRD Rabbit Monoclonal Antibody**Catalog #: AMRe84070**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.71mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000
Molecular Weight	55 kDa

Antigen Information

Gene Name	PRD
Alternative Names	Pep4; pepD; Peptidase 4; Peptidase D; Prolidase; Proline dipeptidase; X pro dipeptidase;;X Pro dipeptidase
Gene ID	
SwissProt ID	P12955
Immunogen	A synthesized peptide derived from human X Pro dipeptidase

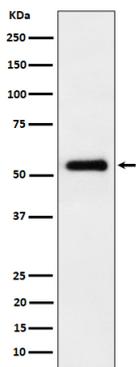
Background

Dipeptidase that catalyzes the hydrolysis of dipeptides with a prolyl (Xaa-Pro) or hydroxyprolyl residue in the C-terminal

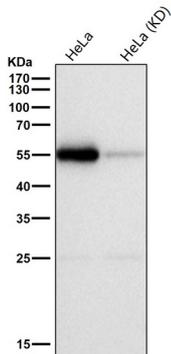
position. The preferred dipeptide substrate is Gly-Pro, but other Xaa-Pro dipeptides, such as Ala-Pro, Met-Pro, Phe-Pro, Val-Pro and Leu-Pro, can be cleaved. Plays an important role in collagen metabolism because the high level of iminoacids in collagen.

Research Area

Image Data



Western blot analysis of PRD expression in HepG2 cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.