

Anti-PRD Rabbit Monoclonal Antibody

Catalog # ABO16492

Product Information

Application	WB
Primary Accession	P12955
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-PRD Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Additional Information

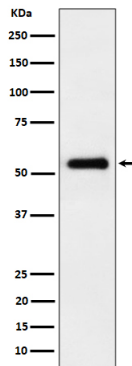
Gene ID	5184
Other Names	Xaa-Pro dipeptidase, X-Pro dipeptidase, 3.4.13.9, Imidodipeptidase, Peptidase D, Proline dipeptidase, Prolidase, PEPD {ECO:0000303 PubMed:8198124, ECO:0000312 HGNC:HGNC:8840}
Calculated MW	54548
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 30P28
Immunogen	A synthesized peptide derived from human PRD
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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](#)).

Images



Western blot analysis of PRD expression in HepG2 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.