

## Anti-X Pro dipeptidase Antibody (90720)

### Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	90720
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of PRD expression in HepG2 cell lysate.
Application:	WB
Recommended	WB: 1:1000-1:2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized peptide: human X Pro dipeptidase
Synonyms:	pepD;Peptidase 4;Peptidase D;Proline dipeptidase;Prolidase;Pep4

### Research 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.

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