

Pepd antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13899**Specification**

Pepd antibody - middle region - Product Information

Application	WB
Primary Accession	Q11136
Other Accession	NM_008820 , NP_032846
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa kDa

Pepd antibody - middle region - Additional Information**Gene ID** 18624**Alias Symbol** **Pep-4, Pep4****Other Names**

Xaa-Pro dipeptidase, X-Pro dipeptidase, 3.4.13.9, Imidodipeptidase, Peptidase 4, Peptidase D, Proline dipeptidase, Prolidase, Pepd, Pep4

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Pepd antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Pepd antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Pepd antibody - middle region - Protein Information**Name** Pepd**Synonyms** Pep4**Function**

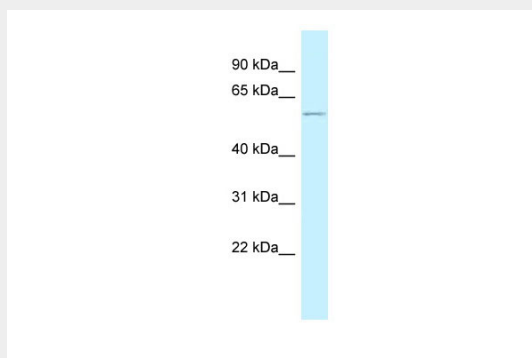
Dipeptidase that catalyzes the hydrolysis of dipeptides with a prolyl (Xaa-Pro) or hydroxyprolyl residue in the C-terminal position. The preferred dipeptide substrate is Gly-Pro, but other Xaa-Pro dipeptides, such as Ala-Pro, Met-Pro, Phe-Pro, Val-Pro and Leu-Pro, can be cleaved. Plays an important role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

Pepd antibody - middle region - 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](#)

Pepd antibody - middle region - Images



WB Suggested Anti-Pepd Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Small Intestine

Pepd antibody - middle region - References

Ledoux P., et al. Submitted (MAR-1996) to the EMBL/GenBank/DDBJ databases.
Ishii T., et al. Biochim. Biophys. Acta 1308:15-16(1996).
Carninci P., et al. Science 309:1559-1563(2005).