

# Pepd antibody - middle region

Rabbit Polyclonal Antibody Catalog # AI13899

### **Product Information**

Application WB Primary Accession Q11136

Other Accession NM 008820, NP 032846

**Reactivity** Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse,

Bovine

Predicted Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Dog, Guinea Pig, Horse,

Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 55029

#### **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.

### **Protein Information**

Name Pepd

**Synonyms** Pep4

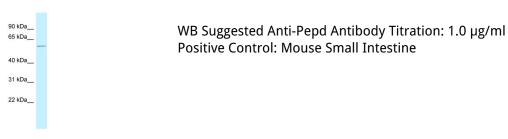
**Function** Dipeptidase that catalyzes the hydrolysis of dipeptides with a prolyl

(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.

#### 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).

## **Images**



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