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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



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

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