

PEPD

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 54kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PEPD

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PROLIDASE;

Catalog #: A5416

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5184

Isotype: IgG

Swiss Prot: P12955

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the peptidase family. The protein forms a homodimer that hydrolyzes dipeptides or tripeptides with C-terminal proline or hydroxyproline residues. The enzyme serves an important role in the recycling of proline, and may be rate limiting for the production of collagen. Mutations in this gene result in prolidase deficiency, which is characterized by the excretion of large amount of di- and tri-peptides containing proline. Multiple transcript variants encoding different isoforms have been found for this gene.

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