PEPD Polyclonal Antibody

catalog number: **E-AB-52976**

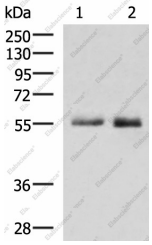
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Fusion protein of human PEPD
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:50-1:300

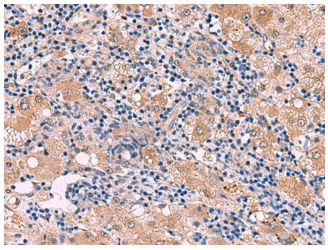
Data



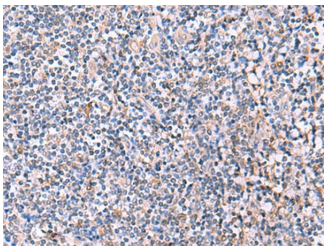
Western blot analysis of HepG2 cell Mouse small intestines tissue lysates using PEPD Polyclonal Antibody at dilution of 1:1000

Observed-MW:Refer to figures

Calculated-MW:55 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PEPD Polyclonal Antibody at dilution of 1:85(×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using PEPD Polyclonal Antibody at dilution of 1:85(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

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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.