

## PEPD Antibody

Catalog No: #43029

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## Description

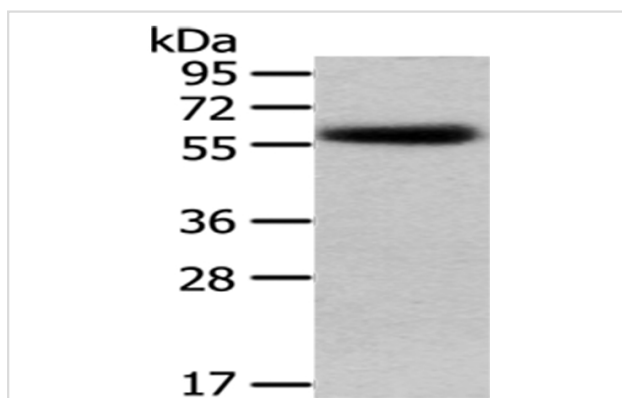
Product Name	PEPD Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PEPD protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human PEPD
Target Name	PEPD
Other Names	PROLIDASE
Accession No.	Swiss-Prot#: P12955Gene ID: 5184
Uniprot	P12955
GeneID	5184;
Calculated MW	55kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:20-1:100

## Images



Gel: 8%SDS-PAGE

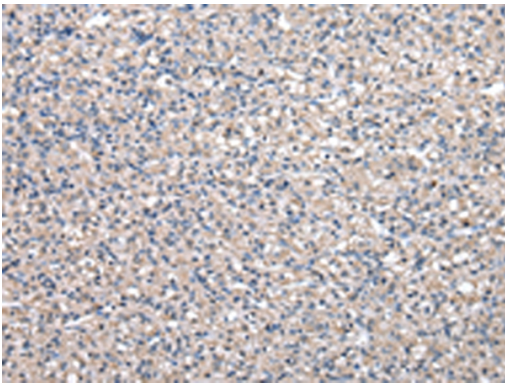
Lysate: 40 µg

Lane: Human placenta tissue

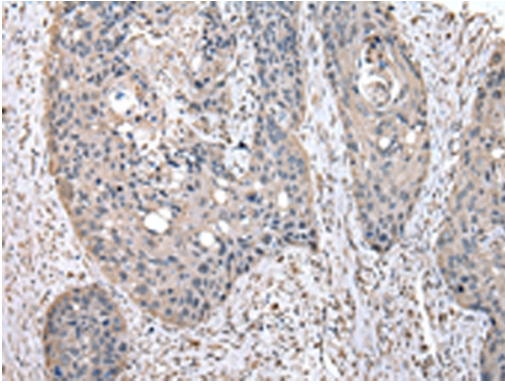
Primary antibody: 1/400 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #43029 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #43029 at dilution 1/20.

## 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 prolydase deficiency, which is characterized by the excretion of large amount of di- and tri-peptides containing proline.

Note: This product is for in vitro research use only