

Rabbit PEPD Polyclonal Antibody | anti-PEPD antibody

PEPD Antibody

CATALOG # AAA232623	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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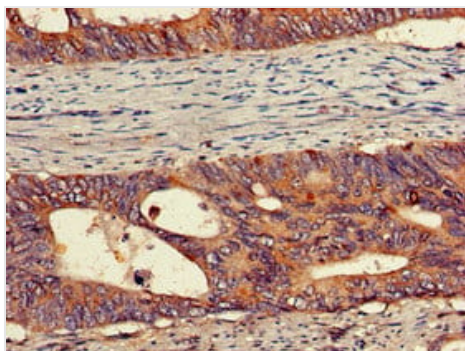
PRODUCT SYNONYMS

PEPD; Polyclonal Antibody; PEPD Antibody; Xaa-Pro dipeptidase; X-Pro dipeptidase; Imidodipeptidase; Peptidase D; Proline dipeptidase; Prolidase; PRD; anti-PEPD antibody

PRODUCT SPECIFICATIONS

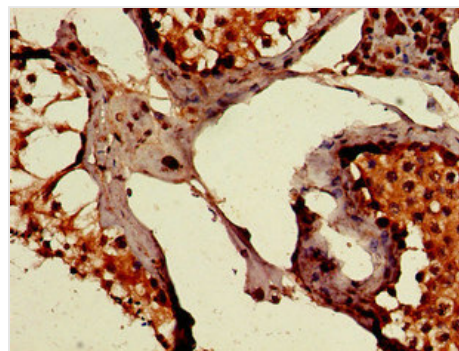
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	493
Applicable Applications for anti-PEPD antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Xaa-Pro dipeptidase protein (258-395AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



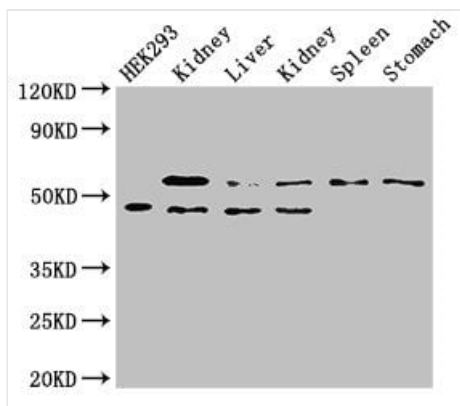
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA232623 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA232623 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: HEK293 whole cell lysate, Rat kidney tissue, Mouse liver tissue, Mouse kidney tissue, Mouse spleen tissue, Mouse stomach tissue. All lanes: PEPD antibody at 1.5 µg/ml. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 55, 50, 48 kDa. Observed band size: 55, 48 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PEPD antibody

Splits dipeptides with a prolyl or hydroxyprolyl residue in the C-terminal position. Plays an important role in collagen metabolism because of the high level of iminoacids in collagen.

NCBI AND UNIPROT INFORMATION

NCBI GI #	149589008
NCBI GeneID	5184
NCBI Accession #	NP_000276.2
NCBI GenBank Nucleotide #	NM_000285.3
UniProt Accession #	P12955; Q8TBN9; Q9BT75; A8K3Z1; A8K416; A8K696; A8MX47; B4DDB7; B4DGJ1; E9PCE8
Molecular Weight	47,261 Da
NCBI Official Full Name	xaa-Pro dipeptidase isoform 1
NCBI Official Synonym Full Names	peptidase D
NCBI Official Symbol	PEPD
NCBI Official Synonym Symbols	PROLIDASE
NCBI Protein Information	xaa-Pro dipeptidase
UniProt Protein Name	Xaa-Pro dipeptidase
UniProt Gene Name	PEPD
UniProt Synonym Gene Names	PRD; X-Pro dipeptidase; Prolidase
UniProt Entry Name	PEPD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pepd-antibody-immunohistochemistry-western-blot-elisa/232623>