

Rabbit anti-Human DPEP1 Polyclonal Antibody | anti-DPEP1 antibody

Anti-DPEP1 Antibody, Rabbit Polyclonal

CATALOG # AAA259514	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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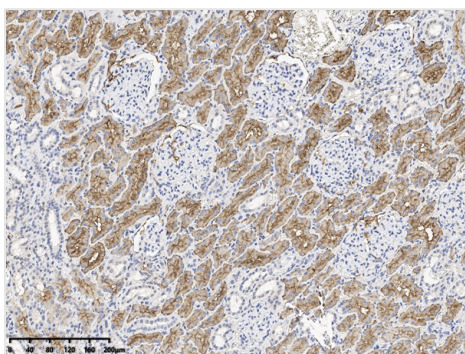
PRODUCT SYNONYMS

DPEP1; Polyclonal Antibody; Anti-DPEP1 Antibody; Rabbit Polyclonal; DPEP1 Antibody; Rabbit PAb; Antigen Affinity Purified; dipeptidase 1; Anti-MBD1 Antibody; Anti-MDP Antibody; Anti-RDP Antibody; anti-DPEP1 antibody

PRODUCT SPECIFICATIONS

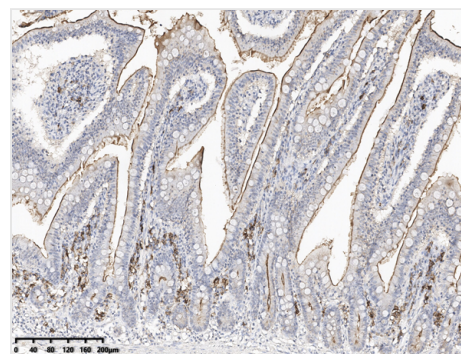
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human DPEP1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-DPEP1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human DPEP1 Protein (P16444; Met1-Ser385). DPEP1 specific IgG was purified by Human DPEP1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



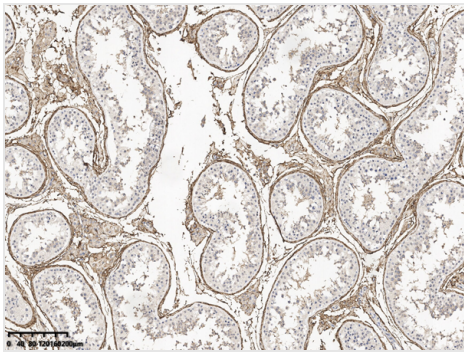
IHC (Immunohistochemistry)

Immunochemical staining of human DPEP1 in human kidney with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human DPEP1 in human small intestine with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
 Immunochemical staining of human DPEP1 in human testis with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-DPEP1 antibody	Dehydropeptidase-I, also known as DPEP1, is a kidney membrane enzyme. Its expression in normal colonic mucosa is very low, but it is highly expressed in colorectal adenoma and cancer specimens and is negatively correlated with parameters of pathological aggressiveness and poor prognosis. The overexpression of DPEP1 suppressed tumor cells invasiveness and increased sensitivity to chemotherapeutic agent Gemcitabine. Growth factor EGF treatment decreased DPEP1 expression. Dehydropeptidase-I may be a candidate target in PDAC for designing improved treatments. It uses zinc as a cofactor and acts as a disulfide-linked homodimer.
References	Toiyam. Y. e. al.. 2011. . Gastroenterol. 4. (2). 153-63. Zhan. G. e. al.. 2012. PLo. One. . (2). e31507. Okamoto. T. e. al.. 2011. Mo. Pathol. 2. (2). 267-76.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758190
NCBI GeneID	1800
NCBI Accession #	NP_004404.1
NCBI GenBank Nucleotide #	NM_004413.3
UniProt Accession #	P16444; Q96AK2; D3DX80
Molecular Weight	45,674 Da
NCBI Official Full Name	dipeptidase 1
NCBI Official Synonym Full Names	dipeptidase 1 (renal)
NCBI Official Symbol	DPEP1
NCBI Official Synonym Symbols	MDP; RDP; MBD1
NCBI Protein Information	dipeptidase 1; hRDP; renal dipeptidase; dehydropeptidase-I; microsomal dipeptidase
UniProt Protein Name	Dipeptidase 1
UniProt Gene Name	DPEP1
UniProt Synonym Gene Names	MDP; RDP; hRDP
UniProt Entry Name	DPEP1_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.