

Rabbit Renal Dipeptidase / DPEP1 Polyclonal Antibody | anti-DPEP1 antibody

Rabbit Polyclonal to Human Renal Dipeptidase / DPEP1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51612	Rabbit	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

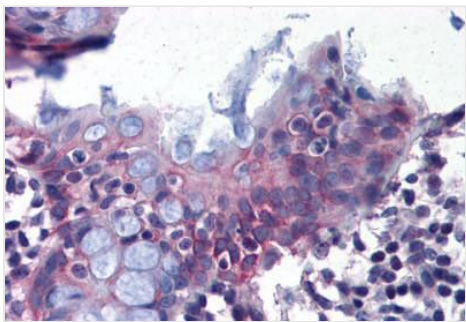
PRODUCT SYNONYMS

Renal Dipeptidase / DPEP1; Polyclonal Antibody; Rabbit Polyclonal to Human Renal Dipeptidase / DPEP1; Anti-Renal Dipeptidase / DPEP1 Antibody (Internal) IHC-plus; DPEP1; Dipeptidase 1 (renal); Dehydropeptidase-I; Dipeptidase 1; HRDP; Microsomal dipeptidase; Renal dipeptidase; RDP; Human Renal Dipeptidase; anti-DPEP1 antibody

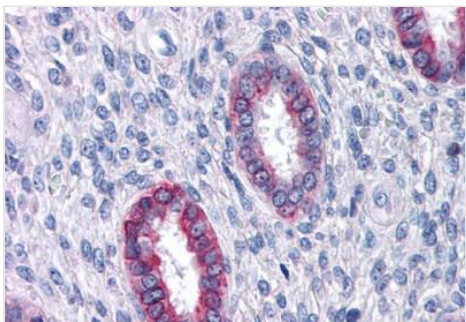
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human DPEP1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	411
Applicable Applications for anti-DPEP1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 14 amino acid peptide from internal region of human DPEP1. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey (93%); Panda, Rabbit, Horse (86%).
Immunogen Type	Synthetic peptide
Immunogen	Renal Dipeptidase / DPEP1 antibody was raised against synthetic 14 amino acid peptide from internal region of human DPEP1. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey (93%); Panda, Rabbit, Horse (86%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-DPEP1 antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-DPEP1 antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Product Categories/Family for anti-DPEP1 antibody	Family: Exopeptidase; Subfamily: Metallopeptidase M19
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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.