

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

DPEP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243553	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

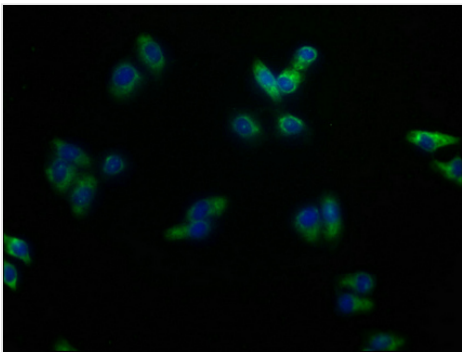
PRODUCT SYNONYMS

DPEP1; Polyclonal Antibody; DPEP1 Antibody; Dipeptidase 1 (EC 3.4.13.19) (Dehydropeptidase-I) (Microsomal dipeptidase) (Renal dipeptidase) (hRDP); MDP RDP; anti-DPEP1 antibody

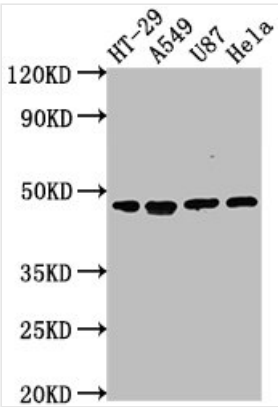
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Antigen Affinity Purified & Affinity Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Applicable Applications for anti-DPEP1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Dipeptidase 1 protein (23-252AA)
Immunogen Species	Human
Research Area	Signal Transduction
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of HepG2 cells with AAA243553 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB (Western Blot)
Western BlotPositive WB detected in: HT-29 whole cell lysate, A549 whole cell lysate, U87 whole cell lysate, HeLa whole cell lysateAll lanes: DPEP1 antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 46 kDaObserved band size: 46 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-DPEP1 antibody	Signal Transduction
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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
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.