



Rabbit Anti-DPEP3 antibody

SL7795R

Product Name:	DPEP3
Chinese Name:	膜二肽酶3抗体
Alias:	Dipeptidase 3; Dpep3; DPEP3_HUMAN; MBD3; membrane bound dipeptidase 3; metallopeptidase (family M19).
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	47kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DPEP3:301-400/488
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a membrane-bound glycoprotein from the family of dipeptidases involved in hydrolytic metabolism of various dipeptides, including penem and carbapenem beta-lactam antibiotics. This gene is located on chromosome 16 in a cluster with another member of this family. Alternatively spliced transcript variants that encode different isoforms have been found for this gene. [provided by RefSeq, Jul 2008].

Function:

Probable metalloprotease which hydrolyzes cystinyl-bis-glycine. May be involved in meiosis (By similarity).

Subunit:

Homodimer; disulfide-linked (By similarity).

Subcellular Location:

Membrane; Lipid-anchor, GPI-anchor (By similarity).

Similarity:

Belongs to the peptidase M19 family.

SWISS:

Q9H4B8

Gene ID:

64180

Database links:

[Entrez Gene: 64180](#)Human

[Entrez Gene: 71854](#)Mouse

[SwissProt: Q9H4B8](#)Human

[SwissProt: Q9DA79](#)Mouse

[Unigene: 302028](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.