SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DPEP2 antibody

Catalog Number: SL14415R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DPEP2
Immunogen:	KLH conjugated synthetic peptide derived from human DPEP2: 101-200/486
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Predicted MW.:	50kDa
Subcellular Location:	The cell membrane
Background:	DPEP2 belongs to the membrane-bound dipeptidase (EC 3.4.13.19) family. These enzymes hydrolyze a variety of dipeptides, including leukotriene D4, the beta-lactam ring of some antibiotics, and cystinyl-bis-glycine (cys-bis-gly) formed during glutathione degradation (Habib et al., 2003 [PubMed 12738806]).[supplied by OMIM, Mar 2008] **Function:** DPEP2 belongs to the membrane-bound dipeptidase family. It is a probable metalloprotease which hydrolyzes leukotriene D4 (LTD4) into leukotriene E4 (LTE4). **Subcellular Location:** Membrane; Lipid-anchor, GPI-anchor. **Similarity:** Belongs to the peptidase M19 family. **Database links:** **Entrez Gene:** 64174 Human Omim: 609925 Human

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

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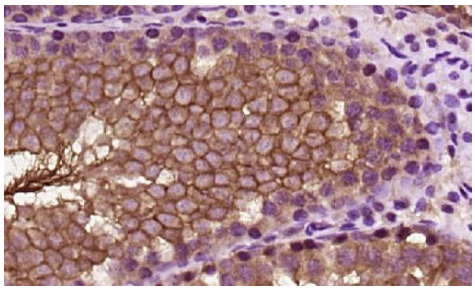
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	SwissProt: Q9H4A9 Human

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (Rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DPEP2) Polyclonal Antibody, Unconjugated (SL14415R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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