DPEP1 Polyclonal antibody

Catalog Number: 12222-1-AP

Basic Information

- **Catalog Number:** 12222-1-AP
- **Size:** 150μl, Concentration: 400μg/ml by Nanodrop
- **Source:** Rabbit
- **Isotype:** IgG
- **Immunogen Catalog Number:** AG2907
- **GenBank Accession Number:** BC017023
- **GeneID (NCBI):** 1800
- **Full Name:** dipeptidase 1 (renal)
- **Calculated MW:** 411 aa, 46 kDa
- **Observed MW:** 46 kDa
- **Purification Method:** Antigen affinity purification
- **Recommended Dilutions:** WB 1:1000-1:5000

Applications

- **Tested Applications:** WB, ELISA
- **Cited Applications:** FC, IHC, WB
- **Species Specificity:** human, mouse, rat
- **Cited Species:** human, mouse, monkey

Background Information

DPEP1 (Dipeptidase 1) is also named as MDP, RDP and belongs to the peptidase M19 family. It is a glycoprotein that plays an important role in the regulation of leukotriene activity. DPEP1 converts leukotriene D4 to leukotriene E4.

Notable Publications

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<tr>
<th>Author</th>
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<th>Journal</th>
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<tr>
<td>Arthur Lau</td>
<td>29863495</td>
<td>J Clin Invest</td>
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<tr>
<td>Saurav Roy Choudhury</td>
<td>31442408</td>
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<tr>
<td>Anne von Mässenhansen</td>
<td>35108055</td>
<td>Sci Adv</td>
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Storage

- **Storage:** Store at -20°C. Stable for one year after shipment.
- **Storage Buffer:** PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
- **Aliquoting is unnecessary for -20°C storage.***

*** 20μl sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
- T: 1 (888) 4PTGLAB (toll free in USA), or 1 (312) 455-8498 (outside USA)
- E: proteintech@ptglab.com
- W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Various lysates were subjected to SDS PAGE followed by western blot with 12222-1-AP (DPEP1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.