

**DPEP2 Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21755c****Specification**

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**DPEP2 Antibody (Center) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB,E                   |
| Primary Accession | <a href="#">Q9H4A9</a> |
| Reactivity        | Mouse                  |
| Host              | Rabbit                 |
| Clonality         | polyclonal             |
| Isotype           | Rabbit IgG             |
| Antigen Region    | 220-254                |

**DPEP2 Antibody (Center) - Additional Information****Gene ID** 64174**Other Names**

Dipeptidase 2, DPEP2

**Target/Specificity**

This DPEP2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 220-254 amino acids from the Central region of human DPEP2.

**Dilution**

WB~~1:2000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

DPEP2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**DPEP2 Antibody (Center) - Protein Information****Name** DPEP2

**Function** Dipeptidase that hydrolyzes leukotriene D4 (LTD4) into leukotriene E4 (LTE4) (PubMed:[32325220](#)). Hydrolyzes cystinyl-bis- glycine (PubMed:[32325220](#)).

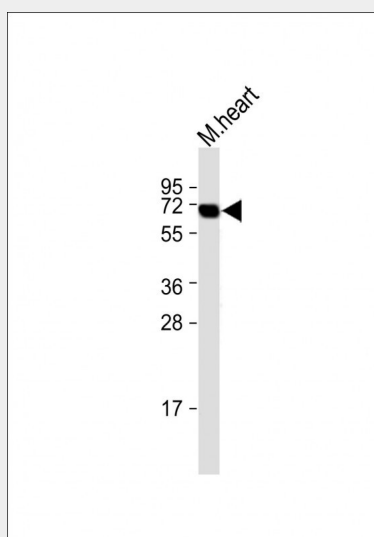
**Cellular Location**

Membrane {ECO:0000250|UniProtKB:Q8C255}; Lipid- anchor, GPI-anchor  
{ECO:0000250|UniProtKB:Q8C255}

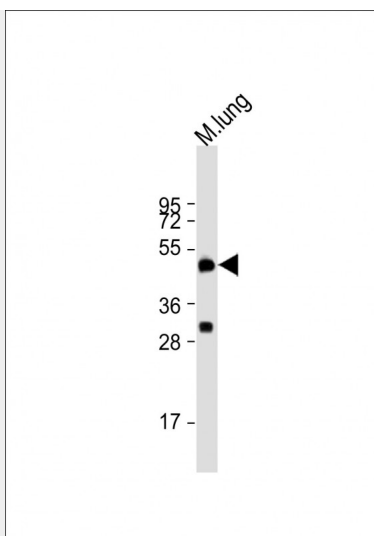
**DPEP2 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

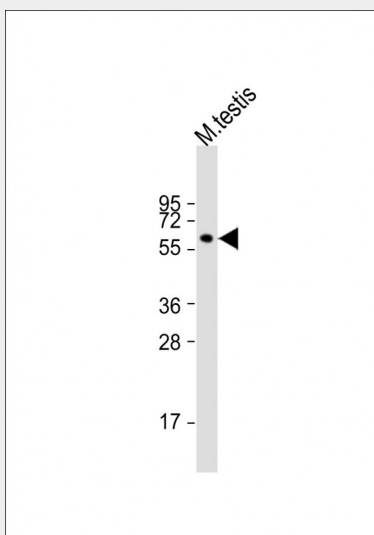
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**DPEP2 Antibody (Center) - Images**

All lanes : Anti-DPEP2 Antibody (Center) at 1:1000 dilution Lane 1: mouse heart lysate  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated  
at 1/10000 dilution. Observed band size : 70 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



Anti-DPEP2 Antibody (Center) at 1:2000 dilution + mouse lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-DPEP2 Antibody (Center) at 1:2000 dilution + mouse testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### **DPEP2 Antibody (Center) - Background**

Probable metalloprotease which hydrolyzes leukotriene D4 (LTD4) into leukotriene E4 (LTE4).

### **DPEP2 Antibody (Center) - References**

Chen J.M.,et al.Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Martin J.,et al.Nature 432:988-994(2004).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).