

## DPEP1 Polyclonal Antibody

Catalog Number PA5-32724

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	<b>Tested Applications</b>	
Class	Polyclonal	<b>Immunohistochemistry (Paraffin) (IHC (P))</b>	<b>Dilution *</b> 15 µg/mL
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Synthetic 14 amino acid peptide from internal region of human DPEP1.		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

### Product specific information

Percent identity with other species by BLAST analysis: Human (100%) Gorilla, Gibbon, Monkey (93%) Panda, Rabbit, Horse (86%).

### Background/Target Information

The protein encoded by this gene is a kidney membrane enzyme involved in the metabolism of glutathione and other similar proteins by dipeptide hydrolysis. The encoded protein is known to regulate leukotriene activity by catalyzing the conversion of leukotriene D4 to leukotriene E4. This protein uses zinc as a cofactor and acts as a disulfide-linked homodimer. Two transcript variants encoding the same protein have been found for this gene.

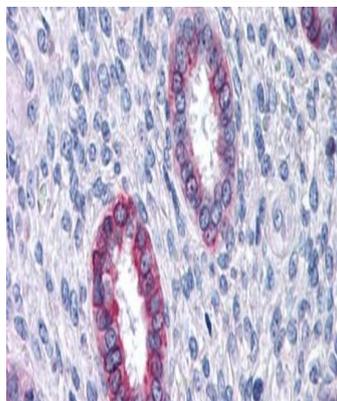
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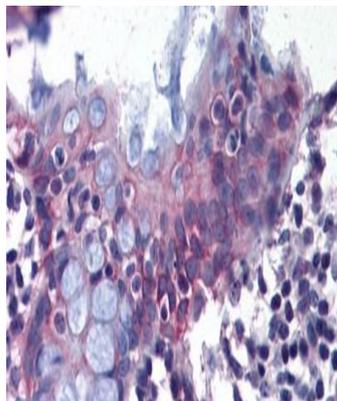
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## Product Images For DPEP1 Polyclonal Antibody



### DPEP1 Antibody (PA5-32724) in IHC (P)

Immunohistochemical analysis of formalin-fixed paraffin-embedded human uterus using a DPEP1 polyclonal antibody (Product # PA5-32724). Heat-induced antigen retrieval was performed prior to staining.



### DPEP1 Antibody (PA5-32724) in IHC (P)

Immunohistochemical analysis of formalin-fixed paraffin-embedded human colon using a DPEP1 polyclonal antibody (Product # PA5-32724). Heat-induced antigen retrieval was performed prior to staining.

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