

For Research Use Only

# Cytokeratin 4-specific Polyclonal antibody



Catalog Number: 16851-1-AP

1 Publications

## Basic Information

<b>Catalog Number:</b> 16851-1-AP	<b>GenBank Accession Number:</b> NM_002272	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 187 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3851	
<b>Source:</b> Rabbit	<b>Full Name:</b> keratin 4	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 57 kDa	

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
WB

**Species Specificity:**  
human

**Cited Species:**  
human

## Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. Keratin 4 is a type II cyto keratins. Keratin 4 is a type II cyto keratins. It is specifically found in differentiated layers of the mucosal and esophageal epithelia together with keratin 13. This antibody is specifically against KRT4.

## Notable Publications

Author	Pubmed ID	Journal	Application
Henna Pehkonen	30005669	Cell Commun Signal	WB

## 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

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data