

# Cytokeratin 5-specific Polyclonal antibody

Catalog Number: **16852-1-AP**

## Basic Information

**Catalog Number:**

16852-1-AP

**Size:**

160 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_000424

**GeneID (NCBI):**

3852

**UNIPROT ID:**

P13647

**Full Name:**

keratin 5

**Calculated MW:**

62 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

IHC, ELISA

**Species Specificity:**

human

## Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells. Keratin expression is highly regulated, tissue specific, and varies according to cell-state. Type I keratins consist of acidic, low molecular weight proteins with MW ranging from 40 kDa (KRT19) to 64 kDa (KRT9). Type 2 keratins consist of basic or neutral, high molecular weight proteins with MW from 52 kDa (KRT8) to 67 kDa (KRT18). Keratin 5, one 58-kD type II keratin, is coexpressed with a 50-kD keratin 14 in stratified squamous epithelia. Keratin 5, one 58-kD type II keratin, is coexpressed with a 50-kD tyK14 in stratified squamous epithelia. This antibody is specifically against keratin 5.

## 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

