

For Research Use Only

# Cytokeratin 3 Polyclonal antibody, PBS Only

Catalog Number: 16850-1-PBS



## Basic Information

Catalog Number:

16850-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_057088

GeneID (NCBI):

3850

UNIPROT ID:

P12035

Full Name:

keratin 3

Calculated MW:

64 kDa

Observed MW:

68 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IF-P, Indirect ELISA

Species Specificity:

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. As a member of the type II cytokeratin subfamily, KRT3 is expressed together with KRT12 during 'corneal-type' differentiation.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

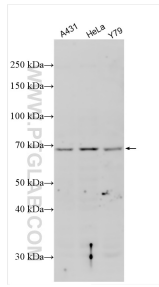
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

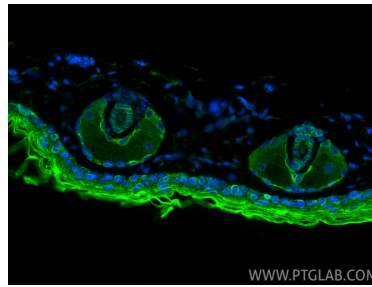
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16850-1-AP (Cytokeratin 3-specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16850-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse skin tissue using Cytokeratin 3 antibody (16850-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16850-1-PBS in a different storage buffer formulation.