

Cytokeratin 3 Polyclonal antibody

Catalog Number: 16850-1-AP

Basic Information

Catalog Number:

16850-1-AP

Size:

600 µg/ml

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

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A431 cells, HeLa cells, Y79 cells

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:

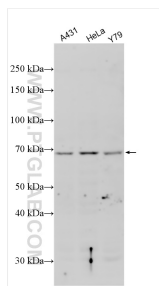
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.