

Cytokeratin 6A-specific Polyclonal antibody

Catalog Number: 16853-1-AP

Basic Information

Catalog Number:

16853-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_005554

GeneID (NCBI):

3853

UNIPROT ID:

P02538

Full Name:

keratin 6A

Calculated MW:

60 kDa

Observed MW:

56 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, ELISA

Species Specificity:

human, mouse

Positive Controls:**WB :** A431 cells, mouse skin tissue, HeLa cells, human saliva tissue**IP :** HeLa 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. Keratin 6 is a type II keratin. It is used as marker for epidermal hyperproliferation and differentiation. Three keratin 6 isoforms were found, keratin 6A, 6B and 6C. They share more than 99% identical DNA sequence. This antibody is against all three isoforms of keratin 6, but it does not bind other keratins.

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

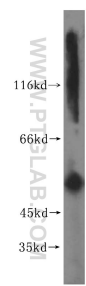
For technical support and original validation data for this product please contact:

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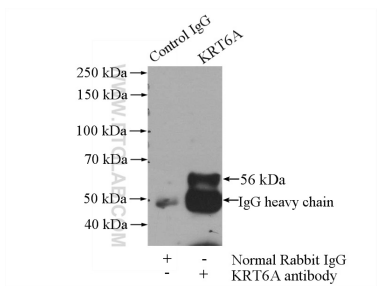
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Selected Validation Data



A431 cells were subjected to SDS PAGE followed by western blot with 16853-1-AP (Cytokeratin 6A-specific antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-Cytokeratin 6A-specific (IP:16853-1-AP, 4ug; Detection:16853-1-AP 1:300) with HeLa cells lysate 520ug.