

## Rabbit anti-Human Keratin Polyclonal Antibody | anti-KRT18 antibody

Keratin, type I cytoskeletal 18 Polyclonal Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA308570</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

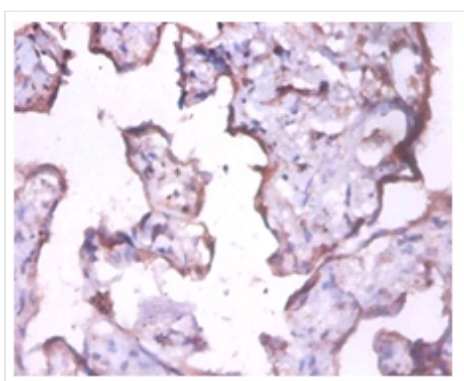
### PRODUCT SYNONYMS

Keratin; Polyclonal Antibody; type I cytoskeletal 18 Polyclonal Antibody; Cell proliferation-inducing gene 46 protein Cytokeratin-18 Keratin-18 KRT18 CYK18 PIG46; anti-KRT18 antibody

### PRODUCT SPECIFICATIONS

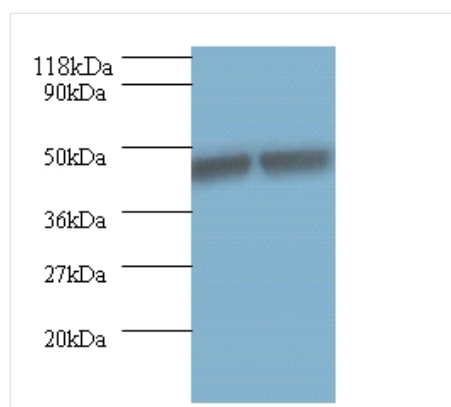
|                                                 |                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                              |
| Reactivity                                      | Human                                                                                               |
| Clonality                                       | Polyclonal                                                                                          |
| Specificity                                     | The antibody detects endogenous level of total Keratin, type I cytoskeletal 18 polyclonal antibody. |
| Purity/Purification                             | Caprylic Acid Ammonium Sulfate Precipitation purified                                               |
| Form/Format                                     | Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                       |
| Concentration                                   | 1.0 mg/ml (varies by lot)                                                                           |
| Sequence Length                                 | 430                                                                                                 |
| Applicable Applications for anti-KRT18 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                       |
| Immunogen                                       | Recombinant Human Keratin, type I cytoskeletal 18 chain protein                                     |
| Immunogen Type                                  | Protein                                                                                             |
| Preparation and Storage                         | Store at -20 degree C                                                                               |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human placenta using at dilution of 1:100.



#### WB (Western Blot)

All lanes: Keratin, type I cytoskeletal 18 antibody at 2ug/ml

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KRT18 antibody | Involved in the uptake of thrombin-antithrombin complexes by hepatic cells By similarity. When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection. |
| Product Categories/Family for anti-KRT18 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                 |
|----------------------------------|---------------------------------|
| NCBI GI #                        | 4557888                         |
| NCBI GeneID                      | 3875                            |
| NCBI Accession #                 | NP_000215.1                     |
| NCBI GenBank Nucleotide #        | NM_000224.2                     |
| UniProt Accession #              | P05783; Q53G38; Q5U0N8; Q9BW26  |
| Molecular Weight                 | 48,058 Da                       |
| NCBI Official Full Name          | keratin, type I cytoskeletal 18 |
| NCBI Official Synonym Full Names | keratin 18                      |
| NCBI Official Symbol             | KRT18                           |
| NCBI Official Synonym Symbols    | K18; CK-18; CYK18               |
| NCBI Protein Information         | keratin, type I cytoskeletal 18 |
| UniProt Protein Name             | Keratin, type I cytoskeletal 18 |
| UniProt Gene Name                | KRT18                           |
| UniProt Synonym Gene Names       | CYK18; CK-18; K18               |
| UniProt Entry Name               | K1C18_HUMAN                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/keratin-antibody-immunohistochemistry-western-blot-elisa/308570>