

# Cytokeratin 18 Polyclonal Antibody | anti-CK-18 antibody

Cytokeratin 18 Antibody

|                               |                                        |                                                          |
|-------------------------------|----------------------------------------|----------------------------------------------------------|
| CATALOG #<br><b>AAA110965</b> | REACTIVITY<br><b>Mouse, Rat, Human</b> | APPLICATIONS<br><b>Immunocytochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|----------------------------------------------------------|

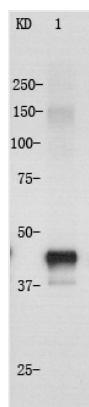
## PRODUCT SYNONYMS

Cytokeratin 18; Polyclonal Antibody; Cytokeratin 18 Antibody; anti-CK-18 antibody

## PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                         |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Mouse, Rat, Human                                                                                                                                       |
| Clonality                                       | Polyclonal                                                                                                                                              |
| Isotype                                         | IgG                                                                                                                                                     |
| Specificity                                     | This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a region of C-terminal residues of mouse CK-18. |
| Purity/Purification                             | Affinity Purified                                                                                                                                       |
| Form/Format                                     | 1*TBS (pH7.4), 0.5%BSA, 25% Glycerol.                                                                                                                   |
| Sequence Length                                 | 423                                                                                                                                                     |
| Applicable Applications for anti-CK-18 antibody | ICC (Immunocytochemistry), WB (Western Blot)                                                                                                            |
| Preservative                                    | 0.05% Sodium Azide                                                                                                                                      |
| Cellular Localization                           | Cytoplasm; Perinuclear region                                                                                                                           |
| Positive Control                                | Mouse liver                                                                                                                                             |
| Preparation and Storage                         | Store at +4 degree C after thawing. Aliquot store at -20 degree C or -80 degree C. Avoid repeated freeze/thaw cycles.                                   |

## IMAGES



### Application Data

Fig: Western blot analysis on Mouse liver using anti-CK18 polyclonal antibody

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CK-18 antibody | Cytokeratin 18 is an acidic keratin which is found primarily in non squamous epithelia and is present in a majority of adenocarcinomas and ductal carcinomas but not in squamous cell carcinomas. Cytokeratin 18 exists in combination with Cytokeratin 8, a basic keratin. Hepatocellular carcinomas have been reportedly defined by the use of antibodies that recognize only Cytokeratins 8 and 18. |
| References                                          | 1. Singer P.A., Trevor K., Oshima R.G. J. Biol. Chem. 261:538-547(1986). 2. Ichinose Y., Morita T., Zhang F. etc. Gene 70:85-95(1988). 3. Dixon M.J., Robinson V., White A., Ferguson M.W. J. Anat. 183:423-438(1993).                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 254540068                              |
| NCBI GeneID                      | 16668                                  |
| NCBI Accession #                 | NP_034794.2                            |
| NCBI GenBank Nucleotide #        | NM_010664.2                            |
| UniProt Accession #              | P05784; Q3TIX1; Q3TJH6; Q3TJW7; Q61766 |
| Molecular Weight                 | 48kDa                                  |
| 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; CK18; Krt1-18                     |
| NCBI Protein Information         | keratin, type I cytoskeletal 18        |
| UniProt Protein Name             | Keratin, type I cytoskeletal 18        |
| UniProt Gene Name                | <b>Krt18</b>                           |
| UniProt Synonym Gene Names       | Kerd; Krt1-18; Keratin D; CK-18; K18   |

**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/cytokeratin-18-antibody-immunocytochemistry-western-blot-elisa/110965>