

## Rabbit CK-19 Polyclonal Antibody | anti-CK-19 antibody

CK-19 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA174400</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

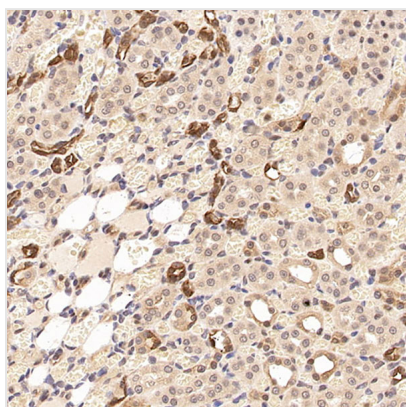
### PRODUCT SYNONYMS

CK-19; Polyclonal Antibody; CK-19 Polyclonal Antibody; 40 kDa keratin intermediate filament; CK 19; CK19; Cytokeratin 19; Cytokeratin-19; K19; K1C19; K1CS; Keratin 19; Keratin type I 40 kD; Keratin type I 40kD; Keratin type I cytoskeletal 19; Keratin; type I cytoskeletal 19; type I; 40 kd; Keratin-19; KRT19; MGC15366; anti-CK-19 antibody

### PRODUCT SPECIFICATIONS

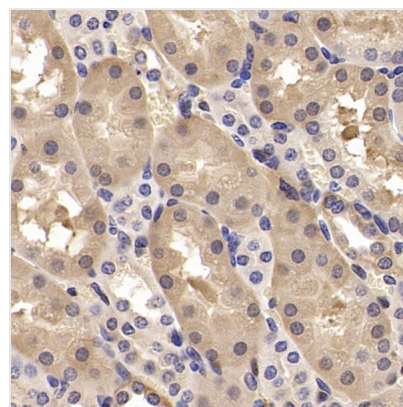
|                                                 |                                                                        |
|-------------------------------------------------|------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                 |
| Reactivity                                      | Human, Mouse, Rat                                                      |
| Clonality                                       | Polyclonal                                                             |
| Isotype                                         | IgG                                                                    |
| Purity/Purification                             | Affinity Purification                                                  |
| Form/Format                                     | PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.          |
| Concentration                                   | 0.66 mg/mL (varies by lot)                                             |
| Sequence Length                                 | 400                                                                    |
| Applicable Applications for anti-CK-19 antibody | IHC (Immunohistochemistry), WB (Western Blot)                          |
| Immunogen                                       | KLH conjugated synthetic peptide corresponding to Mouse Cytokeratin 19 |
| Conjugation                                     | Unconjugated                                                           |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.                       |

### IMAGES



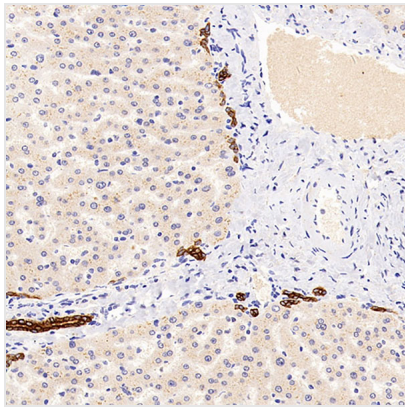
**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded rat kidney using CK-19 Polyclonal Antibody at dilution of 1:300.



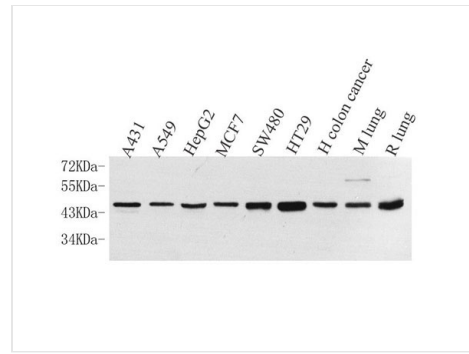
**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded mouse kidney using CK-19 Polyclonal Antibody at dilution of 1:300.



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human liver using CK-19 Polyclonal Antibody at dilution of 1:300.



#### WB (Western Blot)

Western Blot analysis of various samples using CK-19 Polyclonal Antibody at dilution of 1:1000.

## ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CK-19 antibody | The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells. KRT19, one of type I keratins, is specifically expressed in the periderm, the transiently superficial layer that envelops the developing epidermis. Due to its high sensitivity, KRT19 is the most used marker for detection of tumor cells disseminated in lymph nodes, peripheral blood, and bone marrow of breast cancer patients. This antibody, generated against full length KRT19 protein, also recognizes KRT17, another type I keratin homologous to KRT19. KRT17 is used as a marker for trauma. |
| Product Categories/Family for anti-CK-19 antibody   | Cancer; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 24234699                                                               |
| NCBI GeneID                      | 3880                                                                   |
| NCBI Accession #                 | NP_002267.2                                                            |
| NCBI GenBank Nucleotide #        | NM_002276.5                                                            |
| UniProt Accession #              | P08727; Q5XG83; Q6NW33; Q7L5M9; Q96A53; Q96FV1; Q9BYF9; Q9P1Y4; B2R874 |
| Molecular Weight                 | Calculated: 44kDa<br>Observed: 44kDa                                   |
| NCBI Official Full Name          | keratin, type I cytoskeletal 19                                        |
| NCBI Official Synonym Full Names | keratin 19                                                             |
| NCBI Official Symbol             | KRT19                                                                  |
| NCBI Official Synonym Symbols    | K19; CK19; K1CS                                                        |
| NCBI Protein Information         | keratin, type I cytoskeletal 19                                        |
| UniProt Protein Name             | Keratin, type I cytoskeletal 19                                        |
| UniProt Gene Name                | <b>KRT19</b>                                                           |
| UniProt Synonym Gene Names       | CK-19; K19                                                             |

**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.