

## Rabbit anti-Human Cytokeratin 8 Polyclonal Antibody | anti-KRT8 antibody

[KO Validated] Cytokeratin 8 Rabbit pAb

|                               |                       |                            |                                     |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA283191</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|

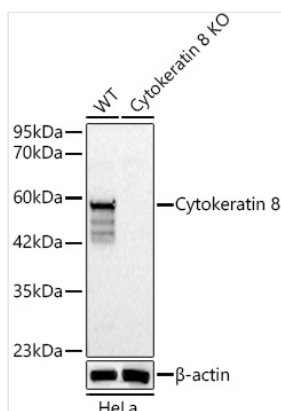
### PRODUCT SYNONYMS

Cytokeratin 8; Polyclonal Antibody; [KO Validated] Cytokeratin 8 Rabbit pAb; K8; KO; CK8; CK-8; CYK8; K2C8; CARD2; 8; anti-KRT8 antibody

### PRODUCT SPECIFICATIONS

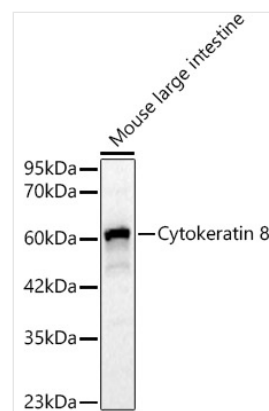
|                                                |                                                                                                                   |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                            |
| Reactivity                                     | Human                                                                                                             |
| Clonality                                      | Polyclonal                                                                                                        |
| Isotype                                        | IgG                                                                                                               |
| Purity/Purification                            | Affinity purification                                                                                             |
| Form/Format                                    | PBS with 0.05% proclin300, 50% glycerol, pH7.3.                                                                   |
| Sequence                                       | VKLALDIEIA TYRKLLEGEE SRLESGMQNM SIHTKTTSGY AGGLSSAYGG LTSPGLSYSL GSSFSGSAGS<br>SSFRTSSSR AVVVKKIETR DGKLVSESSD V |
| Applicable Applications for anti-KRT8 antibody | WB (Western Blot)                                                                                                 |
| Cross Reactivity                               | Human, Mouse                                                                                                      |
| Immunogen                                      | A synthetic peptide corresponding to a sequence within amino acids 380-480 of human Cytokeratin 8 (NP_002264.1).  |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                  |

### IMAGES



#### WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and Cytokeratin 8 knockout (KO) HeLa cells, using Cytokeratin 8 Rabbit pAb (AAA283191) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 0.5s.



#### WB (Western Blot)

Western blot analysis of lysates from Mouse large intestine, using Cytokeratin 8 Rabbit pAb (AAA283191) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KRT8 antibody | This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene. |
| Product Categories/Family for anti-KRT8 antibody   | Cancer; Invasion and Metastasis; Signal Transduction; Cell Biology Developmental Biology; Cell Adhesion; Cytoskeleton; Intermediate Filaments; Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                            |                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                  | 372466577                                                                                      |
| NCBI GeneID                | 3856                                                                                           |
| NCBI Accession #           | NP_001243222.1                                                                                 |
| NCBI GenBank Nucleotide #  | NM_001256293.1                                                                                 |
| UniProt Accession #        | P05787; Q14099; Q14716; Q14717; Q53GJ0; Q6DHW5; Q6GMY0; Q6P4C7; Q96J60; A8K4H3; B0AZN5; F8VXB4 |
| Molecular Weight           | Calculated MW: 54kDa<br>Observed MW: 62kDa                                                     |
| UniProt Protein Name       | Keratin, type II cytoskeletal 8                                                                |
| UniProt Gene Name          | KRT8                                                                                           |
| UniProt Synonym Gene Names | CYK8; CK-8; K8                                                                                 |
| UniProt Entry Name         | K2C8_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.