

## Anti-KRT14 antibody (371-470) (STJ117263)

### GENERAL INFORMATION

|               |                       |
|---------------|-----------------------|
| Product Type  | Primary antibodies    |
| Applications  | WB/IHC-P/IF/ICC/ELISA |
| Host / Source | Rabbit                |
| Reactivity    | Human/Mouse/Rat       |

### PRODUCT PROPERTIES

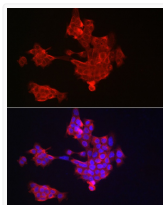
|                     |                                                                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                                                         |
| Concentration       | Lot specific                                                                                                                                                                                       |
| Conjugation         | Unconjugated                                                                                                                                                                                       |
| Purification        | Affinity purification                                                                                                                                                                              |
| Dilution Range      | WB:1:500-1:2000<br>IHC-P:1:50-1:200<br>IF/ICC:1:50-1:200<br>ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.                                                                                                                                                   |
| Isotype             | IgG                                                                                                                                                                                                |
| Molecular Weight    | Protein Mw: 52kDa<br>Observed Mw: 52kDa                                                                                                                                                            |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                                     |

### TARGET INFORMATION

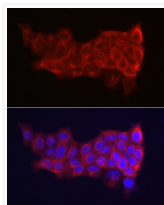
|                    |                                                                                                                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">3861</a>                                                                                                      |
| Gene Symbol        | <a href="#">KRT14</a>                                                                                                     |
| UniProt ID         | <a href="#">K1C14_HUMAN</a>                                                                                               |
| Immunogen Region   | 371-470                                                                                                                   |
| Immunogen Sequence | AQIQEMIGSVEEQLAQLRCE MEQQNQEYKILLDVKTRLEQ EIATYRRLLGEDAHLSSSQ<br>FSSGSQSSSRDVTSSSRQIRT KVMDVHDGKVVSTHEQVLR                |
| Specificity        | A synthetic peptide corresponding to a sequence within amino acids 371-470 of human Cytokeratin 14 (KRT14) (NP_000517.3). |

### ADDITIONAL INFORMATION

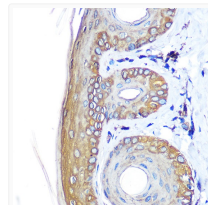
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



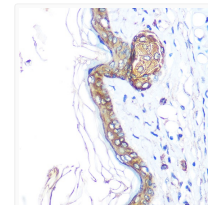
Immunofluorescence analysis of A-431 cells using Cytokeratin 14 (KRT14) Rabbit polyclonal antibody (STJ117263) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



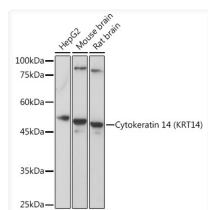
Immunofluorescence analysis of A-431 cells using Cytokeratin 14 (KRT14) Rabbit polyclonal antibody (STJ117263) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of Cytokeratin 14 (KRT14) in paraffin-embedded Mouse skin using Cytokeratin 14 (KRT14) Rabbit polyclonal antibody (STJ117263) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Cytokeratin 14 (KRT14) in paraffin-embedded Rat skin using Cytokeratin 14 (KRT14) Rabbit polyclonal antibody (STJ117263) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using Cytokeratin 14 (Cytokeratin 14 (KRT14) ) Rabbit polyclonal antibody (STJ117263) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.