

**Anti-CUX1 antibody (1-280) (STJ23294)**  
STJ23294

**GENERAL INFORMATION**

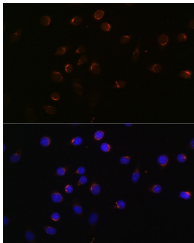
|                          |                       |
|--------------------------|-----------------------|
| <b>Product Type</b>      | Primary antibodies    |
| <b>Short Description</b> |                       |
| <b>Applications</b>      | WB/IHC-P/IF/ICC/ELISA |
| <b>Host/Source</b>       | Rabbit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

**PRODUCT PROPERTIES**

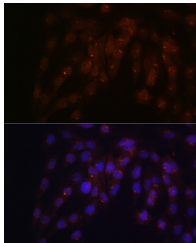
|                      |                                                                                                                                                                              |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>     | Polyclonal                                                                                                                                                                   |
| <b>Clone ID</b>      |                                                                                                                                                                              |
| <b>Concentration</b> | Lot specific                                                                                                                                                                 |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                 |
| <b>Purification</b>  | Affinity purification                                                                                                                                                        |
| <b>Dilution</b>      | WB:1:500-1:1000                                                                                                                                                              |
| <b>Range</b>         | 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. |
| <b>Formulation</b>   | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                                           |
| <b>Isotype</b>       | IgG                                                                                                                                                                          |
| <b>Storage</b>       | Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                |
| <b>Instruction</b>   |                                                                                                                                                                              |

**TARGET INFORMATION**

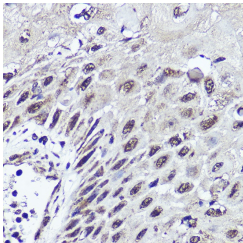
|                           |                                                                                                                                                                                                                                                             |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 1523                                                                                                                                                                                                                                                        |
|                           | 1523                                                                                                                                                                                                                                                        |
| <b>Gene Symbol</b>        | CUX1                                                                                                                                                                                                                                                        |
|                           | CUX1                                                                                                                                                                                                                                                        |
| <b>Uniprot ID</b>         | CUX1_HUMAN                                                                                                                                                                                                                                                  |
|                           | CASP_HUMAN                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>          |                                                                                                                                                                                                                                                             |
| <b>Immunogen Region</b>   | 1-280                                                                                                                                                                                                                                                       |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human CUX1 (NP_001189472.1).                                                                                                                                         |
| <b>Immunogen Sequence</b> | MAANVGSMFQYWKRFDLQQL QRELDATATVLANRQDESEQ SRKRLIEQSREFKKNTPEDL RKQVAPLLKSFQGEIDALSK<br>RSKEAAEAFNLVYKRLIDVP DPVPALDLGQQQLKVKVQLH DIETENQKLRETLEENKEF AEVKNQEVTKALKEKIREY<br>EQLTKNQAETIALEKEQLQ NDFAEKERKLQETQMSTTSK LEEAEHKVQSLQTALEKTRT ELFDLTKYDEETAKADE |



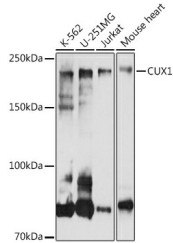
Immunofluorescence analysis of L929 cells using CUX1 antibody (STJ23294) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using CUX1 antibody (STJ23294) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using CUX1 antibody (STJ23294) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using CUX1 antibody (STJ23294) at 1:10000 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.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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