

## Anti-SOX2 Antibody



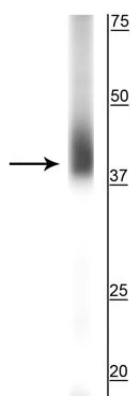
Pooled Serum

### Product Details

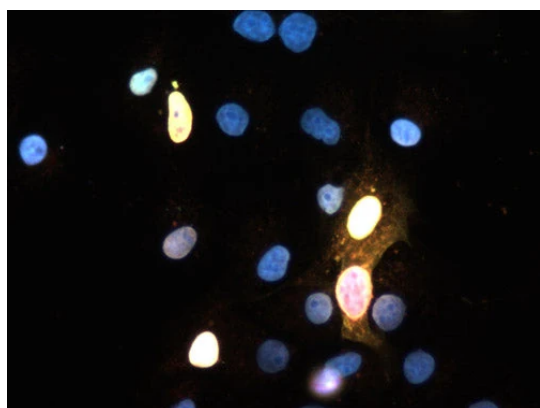
|                      |                                                                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants   | 100 µL (SKU:1907-SOX2)<br>25 µL (SKU:1907-SOX2t)                                                                                                       |
| Conjugate            | Unconjugated                                                                                                                                           |
| Isotype              | IgG                                                                                                                                                    |
| Gene Name            | SOX2                                                                                                                                                   |
| Host Species         | Rabbit                                                                                                                                                 |
| Format               | Antigen Affinity Purified from Pooled Serum                                                                                                            |
| Physical State       | Liquid                                                                                                                                                 |
| Buffer               | 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.                                                                                 |
| Production Notes     | Prepared from rabbit serum by affinity purification using a column to which the recombinant protein immunogen was coupled.                             |
| Applications         | ELISA, ICC, WB                                                                                                                                         |
| Dilution Ranges      | WB: 1:1000<br>ICC: 1:20-1:200                                                                                                                          |
| Species Reactivity   | Human, Mouse                                                                                                                                           |
| Immunogen            | Recombinant protein from the C-terminal region of human SOX2.                                                                                          |
| Specificity          | Specific for endogenous levels of the ~35 kDa SOX2 protein.                                                                                            |
| Molecular Weight     | 35 kDa                                                                                                                                                 |
| Quality Control      | Western blots performed on each lot.                                                                                                                   |
| Storage              | Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C. |
| Antibody Registry ID | AB_2868513                                                                                                                                             |

|                            |                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UniProt ID</b>          | <u>P48431</u>                                                                                                                                                          |
| <b>Shipping</b>            | Blue Ice                                                                                                                                                               |
| <b>Expiration</b>          | After date of receipt, stable for at least 1 year at -20°C.                                                                                                            |
| <b>Usage Statement</b>     | For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website. |
| <b>Expected Reactivity</b> | Human                                                                                                                                                                  |
| <b>NCBI Gene ID</b>        | 6657                                                                                                                                                                   |

## Product Images



Western blot of NIH 3T3 cell lysate showing specific immunolabeling of the ~35 kDa SOX2 protein.



Immunofluorescence of FLAG-tagged SOX2 transfected COS cells showing SOX2 staining in red (Cat. 1907-SOX2, 1:20) and FLAG staining in green, causing positive transfected cells to appear yellow. DNA is stained blue with DAPI.



