

## Anti-Phospho-Sox2-Thr-118 antibody (STJA0041412)

### GENERAL INFORMATION

|               |                                 |
|---------------|---------------------------------|
| Product Type  | Primary antibodies              |
| Applications  | ELISA/WB/ICC                    |
| Host / Source | Rabbit                          |
| Reactivity    | Chicken/Human/Mouse/Rat/Xenopus |

### PRODUCT PROPERTIES

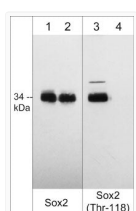
|                     |                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                             |
| Conjugation         | Unconjugated                                                                                                                                           |
| Purification        | Antigen Affinity Purified                                                                                                                              |
| Dilution Range      | WB 1:1000<br>ICC 1:50                                                                                                                                  |
| Formulation         | PBS + 1 mg/ml BSA, 0.05% NaN <sub>3</sub> and 50% glycerol                                                                                             |
| Isotype             | IgG                                                                                                                                                    |
| Molecular Weight    | 34                                                                                                                                                     |
| Storage Instruction | 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. |

### TARGET INFORMATION

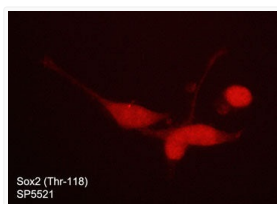
|                    |                                                                                                                                                                                                                                                   |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">20674</a>                                                                                                                                                                                                                             |
| Gene Symbol        | <a href="#">Sox2</a>                                                                                                                                                                                                                              |
| UniProt ID         | <a href="#">SOX2_MOUSE</a>                                                                                                                                                                                                                        |
| Immunogen Sequence | Mouse                                                                                                                                                                                                                                             |
| Specificity        | The antibody was cross adsorbed to unphosphorylated Sox2 (Thr-118) peptide before affinity purification using phospho-Sox2 (Thr-118) peptide. This antibody detects a 34 kDa* protein on SDS-PAGE immunoblots of mouse F9 stem cells. This reacti |

### ADDITIONAL INFORMATION

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



Western blot Sox2 phosphorylation in mouse F9 stem cells with phosphatase treatment STJA0041412



ICC staining phosphorylated Sox2 in NCI-H446 cells using antibody with DyLight 594 STJA0041412