

POU5F1 / OCT4 Rabbit anti-Human Polyclonal (aa282-297) Antibody - LS-C9379 - LSBio

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| CatalogID: | LS-C9379 |
| Target: | POU class 5 homeobox 1 (POU5F1) |
| Synonyms: | POU5F1 Antibody, Oct-4 Antibody, OCT3 Antibody, OCT4 Antibody, OTF4 Antibody, POU class 5 homeobox 1 Antibody, Octamer-binding protein 3 Antibody, Octamer-binding protein 4 Antibody, OTF-3 Antibody, Oct-3 Antibody, OTF3 Antibody |
| Host | POU5F1 antibody was produced in Rabbit |
| Clonality: | Polyclonal |
| Isotype: | IgG |
| Immunogen Species: | POU5F1 / OCT4 antibody was raised against Human |
| Antigen Type: | Synthetic peptide |
| Immunogen: | POU5F1 / OCT4 antibody was raised against synthetic peptide (aa 282-297) of Oct4. |
| Specificity: | Recognizes Oct4 (POU5F1). MW: 38,.6kD. Species cross-reactivity: Human and rodent. |
| Epitope: | aa282-297 |
| Reactivity: | Human, Rodent |
| Purification: | Immunoaffinity purified |
| Presentation: | PBS, pH 7.4. No preservative added. |
| Recommended Storage: | Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. |
| Usage Summary: | Suitable for use in Western Blot, Immunohistochemistry and Immunocytochemistry. Western Blot: 1:200-1:1000 using ECL. Immunohistochemistry: 1:200-1:1000. Immunocytochemistry: 1:200-1:1000. Immunohistochemistry protocol: 1. Dissect tissues and freeze on dry ice. 2. Cut on a cryostat 10um slices. 3. Dry slides at RT for 30-90 min. 4. Fix with cold Acetone: Methanol (50:50) 2 min. Either process further or store at -20°C. Alternative is fixation with 4% PFA and treatment with 0.05% trypsin solution (incubation 10 min. at 37°C, followed by 3 washes with PBS) 5. Let air dry. 6. PBS 5 min. 7. Incubate in 50mM ammonium chloride 30 min. 8. PBS 5 min. 9. Blocking serum 30-45 min. 10. Primary antibody (LS-C9379) 90 min. 11. Wash 3X for 5 min. 12. Secondary fluorescent conjugated antibody 30 min. 13. Wash 3X for 5 min. 14. Mount. |
| Uses: | IHC (1:200 - 1:1000), ICC (1:200 - 1:1000), Western blot (1:200 - 1:1000) (Optimal dilution to be determined by the researcher) |
| Size: | 100 µg |
| Concentration: | 1 mg/ml |
| Requested From: | Japan |

Laboratory Reagent For In Vitro Research Use Only

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