

Basic Information

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| Product Name | Anti-OCT2/POU2F2 Antibody |
| Gene Name | POU2F2 |
| Source | Rabbit |
| Isotype | IgG |
| Species Reactivity | human, mouse, rat |
| Tested Application | WB |
| Contents | 500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Immunogen | A synthesized peptide derived from human Oct-2 Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3') . Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression. |
| concentration | 500 ug/ml |
| Purification | Affinity-chromatography |
| Observed MW | 58KD |
| Dilution Ratios | Western blot (WB):1:500-2000 |

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

The protein encoded by this gene is a homeobox-containing transcription factor of the POU domain family. The encoded protein binds the octamer sequence 5'-ATTTGCAT-3', a common transcription factor binding site in immunoglobulin gene promoters. Several transcript variants encoding different isoforms have been found for this gene.

Selected Validation Data

Western blot analysis of Oct-2 expression in Ramos cell lysate.

