

## Product datasheet for **TA318901**

### Oct-1 (POU2F1) Rabbit Polyclonal Antibody

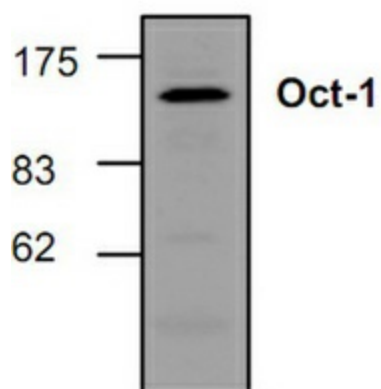
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-4ug/ml, IHC: 10-20ug/ml
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide surrounding amino acid 727 of human Oct-1
Formulation:	100 µg (0.5 mg/ml) affinity purified rabbit anti-Oct-1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	POU class 2 homeobox 1
Database Link:	<a href="#">NP_002688</a> <a href="#">Entrez Gene 18986 Mouse</a> <a href="#">Entrez Gene 171068 Rat</a> <a href="#">Entrez Gene 5451 Human</a> <a href="#">P14859</a>
Background:	Members of Oct family of transcription factors specifically interact with Octamer motif ATGCAAAT, a regulatory element important for tissue- and cell-specific transcription as well as for transcription of a number of housekeeping genes. All of the members of the Oct family contain two highly conserved domains which are separated by 14-26 variable amino acids. These include the POU homeodomain and the POU-specific domain. Both are required for DNA binding and are involved in protein-protein interactions. Evidences indicate that regulation of Oct family transcription factors occurs at the level of phosphorylation.
Synonyms:	oct-1B; OCT1; OTF1
Protein Families:	Druggable Genome, Transcription Factors



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## Product images:



Western blot analysis of Oct-1 in Jurkat cell lysate.