

Product datasheet for **AP20339PU-N**

Oct-1 (POU2F1) Rabbit Polyclonal Antibody

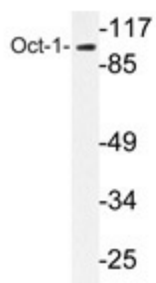
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1/500-1/1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of Oct-1 protein.
Formulation:	Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2 State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	1.0 mg/ml
Purification:	Affinity-chromatography using epitope-specific immunogen; purity is > 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 89 kDa
Gene Name:	POU class 2 homeobox 1
Database Link:	Entrez Gene 18986 Mouse Entrez Gene 171068 Rat Entrez Gene 5451 Human P14859
Background:	Oct1 is a transcription factor that binds to the octamer motif (5'-ATTGCAT-3') and activates the promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins. It modulates transcription transactivation by NR3C1, AR and PGR and interacts with NR3C1, AR and PGR. Oct1 is Ubiquitous and belongs to the POU transcription factor family class 2 subfamily. Oct1 contains 1 homeobox domain.
Synonyms:	OTF1, NF-A1, Octamer-binding protein 1, Oct-1, Otf-1
Protein Families:	Druggable Genome, Transcription Factors



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Product images:



Western blot analysis of Oct-1 antibody (Cat.-No.: AP20339PU-N) in extracts from COLO205 cells.