

**Product Name: Oct-1 (phospho Ser385) Rabbit Polyclonal Antibody**  
**Catalog #: APRab05133**

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## Summary

<b>Production Name</b>	Oct-1 (phospho Ser385) Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	Elisa
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phospho Antibody
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	POU2F1
<b>Alternative Names</b>	POU2F1; OCT1; OTF1; POU domain, class 2, transcription factor 1; NF-A1; Octamer-binding protein 1; Oct-1; Octamer-binding transcription factor 1; OTF-1; POU2F2; OCT2; OTF2; POU domain, class 2, transcription factor 2; Lymphoid-restricted im
<b>Gene ID</b>	5451/5452
<b>SwissProt ID</b>	P14859/P09086.The antiserum was produced against synthesized peptide derived from human POU2F1/OCT1 around the phosphorylation site of Ser385. AA range:361-410

## Application

<b>Dilution Ratio</b>	ELISA: 1:20000
<b>Molecular Weight</b>	

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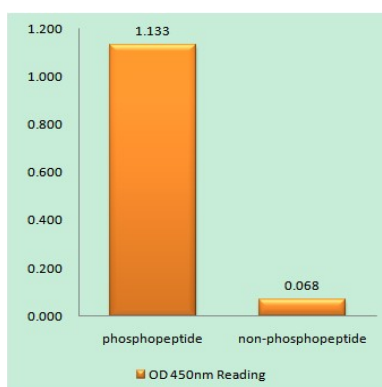


## Background

The OCT1 transcription factor was among the first identified members of the POU transcription factor family (summarized by Sturm et al., 1993 [PubMed 8314572]). Members of this family contain the POU domain, a 160-amino acid region necessary for DNA binding to the octameric sequence ATGCAAAT.[supplied by OMIM, Jul 2010],function:Transcription factor that binds to the octamer motif (5'-ATTTCAT-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. Modulates transcription transactivation by NR3C1, AR and PGR.,PTM:Phosphorylated by PRKDC.,similarity:Belongs to the POU transcription factor family. Class-2 subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 POU-specific domain.,subunit:Interacts with NR3C1, AR, PGR and HCFC1.,tissue specificity:Ubiquitous. Isoform 2 is lymphocyte-specific.,

## Research Area

## Image Data



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right) , using POU2F1/OCT1 (Phospho-Ser385) Antibody

## Note

For research use only.