

## Product datasheet for **AP53398PU-N**

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

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000 <b>Western blotting:</b> 1/100 -1/500 <b>Immunohistochemistry on formalin fixed and paraffin embedded tissue:</b> 1/10 - 1/50
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 371-399 amino acids from the central region of human POU2F1
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store the antibody 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.
Gene Name:	POU class 2 homeobox 1
Database Link:	<a href="#">Entrez Gene 5451 Human P14859</a>
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.
Synonyms:	O TF1, NF-A1, Octamer-binding protein 1, Oct-1, Otf-1

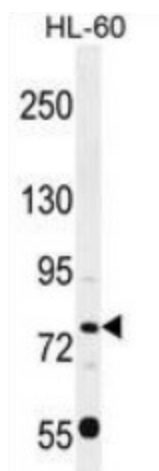


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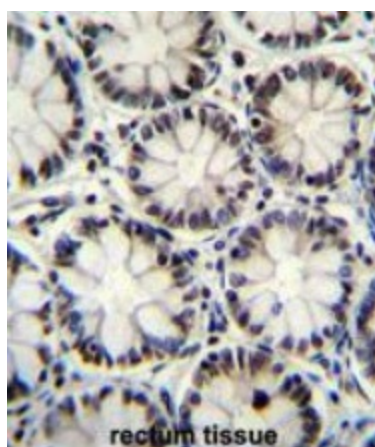
Note: **Molecular Weight:** 76472 Da

Protein Families: Druggable Genome, Transcription Factors

**Product images:**



Western blot analysis in HL-60 cell line lysates (35ug/lane) detecting POU2F1 protein (arrow) by the use of POU2F1 antibody no.



Immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue using POU2F1 antibody (Center) no. followed by peroxidase conjugation of the secondary antibody and DAB staining. Clinical relevance has not been evaluated.