

## Product datasheet for **AP53399PU-N**

### **POU3F2 (Center) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000 <b>Western blotting:</b> 1/100 - 1/500
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 198-226 amino acids from the central region of human POU3F2
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 3 homeobox 2
Database Link:	<a href="#">Entrez Gene 5454 Human P20265</a>



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**Background:**

POU3F2 belongs to a large family of transcription factors that bind to the octameric DNA sequence ATGCAAAT. Most of these proteins share a highly homologous region, referred to as the POU domain, that occurs in several mammalian transcription factors, including the octamer-binding proteins Oct1 (POU2F1; MIM 164175) and Oct2 (POU2F2; MIM 164176) and the pituitary protein Pit1 (PIT1; MIM 173110). Class III POU genes are expressed predominantly in the central nervous system (CNS). It is likely that CNS-specific transcription factors such as these play an important role in mammalian neurogenesis by regulating their diverse patterns of gene expression (Schreiber et al., 1993 [PubMed 8441633]; Atanasoski et al., 1995 [PubMed 7601453]).

**Synonyms:**

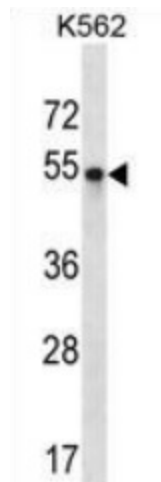
BRN2, Brain-2, Brn-2, OCT7, Oct-7, OTF7, OTF-7

**Note:**

**Molecular Weight:** 46893 Da

**Protein Families:**

Transcription Factors

**Product images:**

Western blot analysis in K562 cell line lysates (35ug/lane) detecting POU3F2 protein by the use of POU3F2 antibody no.