

Datasheet for ABIN7467734
anti-POU3F2 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	POU3F2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POU3F2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Chromatin Immunoprecipitation (ChIP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human Brn2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Chimpanzee, Human, Mouse, Rat
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	POU3F2
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Target Details

Alternative Name:	POU class 3 homeobox 2 (POU3F2 Products)
Background:	POU class 3 homeobox 2 , BRN2 , N-Oct3 , OCT7 , OTF-7 , OTF7 , POUF3 , brn-2 , oct-7,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]).[supplied by OMIM]
Molecular Weight:	47 kDa
Gene ID:	5454
UniProt:	P20265

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IHC-Fr: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.2 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.