

Datasheet for ABIN2792618
anti-POU3F2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	POU3F2
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POU3F2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human POU3F2
Sequence:	QLEKEVVRVW FCNRRQKEKR MTPPGGTLPG AEDVYGGSRD TPPHHGVQTP
Cross-Reactivity:	Cow (Bovine), Dog (Canine), Human, Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	Cow: 100%, Human: 100%, Pig: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against POU3F2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	POU3F2
Alternative Name:	POU3F2 (POU3F2 Products)
Background:	<p>N-Oct-3 (POU3F2) is a protein belonging 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, which occurs in several mammalian transcription factors, including the octamer-binding proteins Oct1 (POU2F1) and Oct2 (POU2F2), and the pituitary protein Pit1 (PIT1). Class III POU genes are expressed predominantly in the 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. N-Oct-3 is a protein belonging 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, which 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 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.[supplied by OMIM].</p> <p>Alias Symbols: BRN2, OCT7, OTF7, OTF-7, POUF3, brn-2, oct-7</p> <p>Protein Interaction Partner: UBC, TBP, SOX10, POU3F2, PAX3, GTF2B, EP300, SOX11, PQBP1, POU3F4,</p> <p>Protein Size: 443</p>

Molecular Weight:	47 kDa
Gene ID:	5454
NCBI Accession:	NM_005604 , NP_005595
UniProt:	P20265

Application Details

Application Notes:	WB Suggested Anti-POU3F2 Antibody Titration: 0.2-1 µg/mL Positive Control: Transfected 293T. Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 443 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-POU3F2 Antibody Titration:
0.2-1 ug/ml Positive Control: Transfected 293T