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Datasheet for ABIN1538047
anti-POU3F2 antibody (AA 199-226)

1 Image

Overview

Quantity:	400 µL
Target:	POU3F2
Binding Specificity:	AA 199-226
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POU3F2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This POU3F2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 199-226 amino acids from the Central region of human POU3F2.
Clone:	RB36304
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	POU3F2
Alternative Name:	POU3F2 (POU3F2 Products)

Target Details

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 [removed]Schreiber et al., 1993 [PubMed 8441633], Atanasoski et al., 1995 [PubMed 7601453]).

Molecular Weight: 46893

Gene ID: 5454

NCBI Accession: [NP_005595](#)

UniProt: [P20265](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

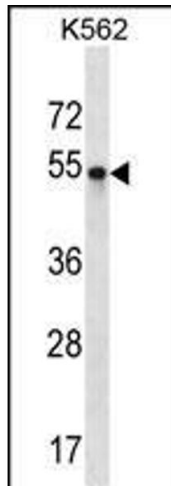
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: POU3F2 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. POU3F2 Antibody (Center) (ABIN1538047 and ABIN2848495) western blot analysis in K562 cell line lysates (35 μ g/lane). This demonstrates the POU3F2 antibody detected the POU3F2 protein (arrow).