

Datasheet for ABIN2792583
anti-POU2F1 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	POU2F1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Cow, Dog, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POU2F1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human POU2F1
Sequence:	AISTAQAQAF LGHLHQVQLA GTSLQAAAQS LNVQSKSNEE SGDSQQPSQP
Cross-Reactivity:	Cow (Bovine), Chicken, Human, Mouse (Murine), Pig (Porcine), Rat (Rattus)
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 85%, Human: 100%, Mouse: 92%, Pig: 100%, Rabbit: 100%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against POU2F1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	POU2F1
Alternative Name:	POU2F1 / OCT1 (POU2F1 Products)
Background:	<p>POU2F1 is a member of the POU family that represents the double-stranded DNA binding proteins specifically binding to the block C region.</p> <p>Alias Symbols: OCT1, OTF1, oct-1B</p> <p>Protein Interaction Partner: POGZ, SP4, POU2F1, LMNB1, PLK3, UBC, SP1, HCFC1, HSPA8, APP, SPTBN1, tat, XRCC5, HOXC4, XRCC6, SUMO2, CDK11B, PKNOX1, PBX1, HMGA1, BRCA1, STAT5B, CREB1, PRKDC, HDAC1, CEBPE, HOXB13, IRF9, NCOR2, HOXC9, TLX2, PRKACA, BRD7, SOX2, THRA, PGR, RARA, TLE4, SNAP</p> <p>Protein Size: 743</p>
Molecular Weight:	76 kDa
Gene ID:	5451
NCBI Accession:	NM_002697 , NP_002688
UniProt:	P14859

Application Details

Application Notes:	<p>WB Suggested Anti-POU2F1 Antibody Titration: 0.2-1 µg/mL</p> <p>Positive Control: Transfected 293T.</p> <p>Optimal working dilutions should be determined experimentally by the investigator.</p>
Comment:	Antigen size: 743 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

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-POU2F1 Antibody Titration: 0.2-1 ug/ml Positive Control: Transfected 293T POU2F1 is supported by BioGPS gene expression data to be expressed in HEK293T

Western Blotting

Image 2. WB Suggested Anti-POU2F1 Antibody Titration: 0.2-1 µg/mL Positive Control: Transfected 293T POU2F1 is supported by BioGPS gene expression data to be expressed in HEK293T