



Datasheet for ABIN7164047  
**anti-Oct-2 antibody (AA 277-389)**



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3 Images

Overview

Quantity:	100 µg
Target:	Oct-2 (POU2F2)
Binding Specificity:	AA 277-389
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Oct-2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human POU domain, class 2, transcription factor 2 protein (277-389AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Oct-2 (POU2F2)
Alternative Name:	POU2F2 ( <a href="#">POU2F2 Products</a> )
Background:	Background: Transcription factor that specifically binds to the octamer motif (5'\\'-ATTTGCAT-3'\\'). Regulates transcription in a number of tissues in addition to activating immunoglobulin

## Target Details

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gene expression. Modulates transcription transactivation by NR3C1, AR and PGR. Isoform 5 activates the U2 small nuclear RNA (snRNA) promoter.

Aliases: class 2 antibody, Lymphoid restricted immunoglobulin octamer binding protein antibody, Lymphoid-restricted immunoglobulin octamer-binding protein NF-A2 antibody, NF A2 antibody, Oct 2 antibody, Oct-2 antibody, Octamer binding transcription factor 2 antibody, Octamer-binding protein 2 antibody, Octamer-binding transcription factor 2 antibody, OTF-2 antibody, OTF2 antibody, PO2F2\_HUMAN antibody, POU domain antibody, POU domain class 2 transcription factor 2 antibody, POU2F2 antibody, transcription factor 2 antibody

UniProt: [P09086](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

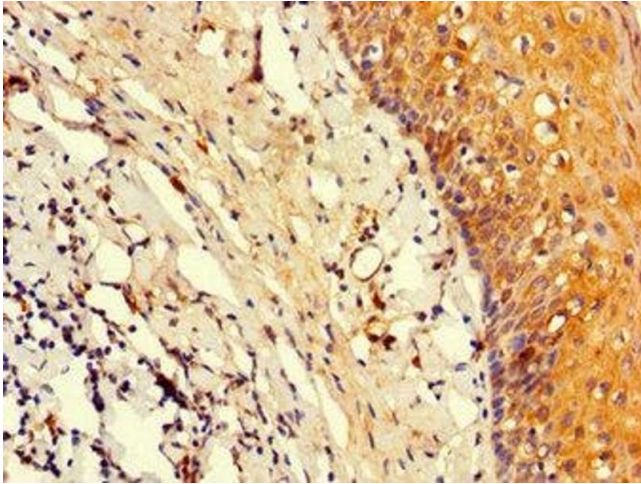
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

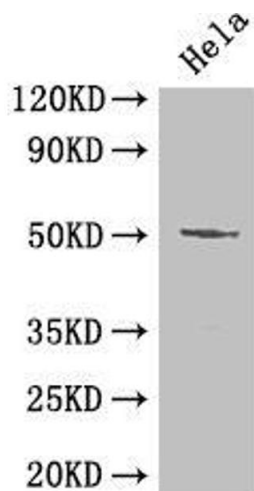
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



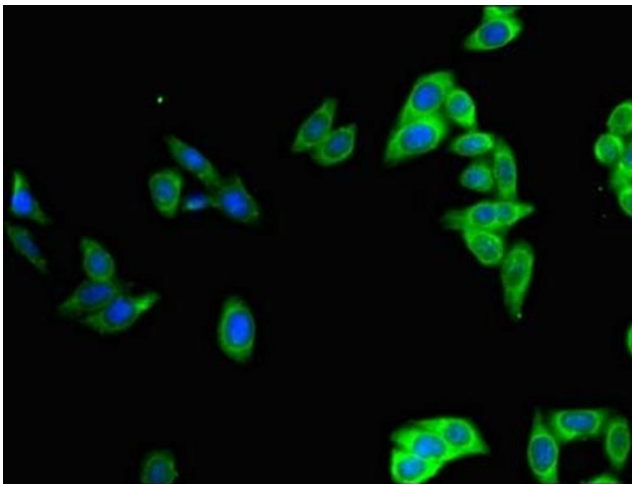
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7164047 at dilution of 1:100



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: HeLa whole cell lysate All lanes: POU2F2 antibody at 2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 52, 50, 44, 63 kDa Observed band size: 52 kDa



### Immunofluorescence

**Image 3.** Immunofluorescent analysis of HepG2 cells using ABIN7164047 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)