



[Go to Product page](#)

Datasheet for ABIN6263800

anti-Oct-2 antibody

4 Images

Overview

Quantity:	100 µL
Target:	Oct-2 (POU2F2)
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Oct-2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human OCT2
Isotype:	IgG
Specificity:	OCT2 antibody detects endogenous levels of total OCT2
Cross-Reactivity:	Human, Monkey, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Oct-2 (POU2F2)
Alternative Name:	2-Oct (POU2F2 Products)
Background:	Description: Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3').

Target Details

Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression. Modulates transcription transactivation by NR3C1, AR and PGR. Isoform 5 activates the U2 small nuclear RNA (snRNA) promoter.

Gene: POU2F2

Molecular Weight: 52kDa

Gene ID: 5452

UniProt: [P09086](#)

Application Details

Application Notes: WB: 1:500~1:3000 IF/ICC: 1:100~1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

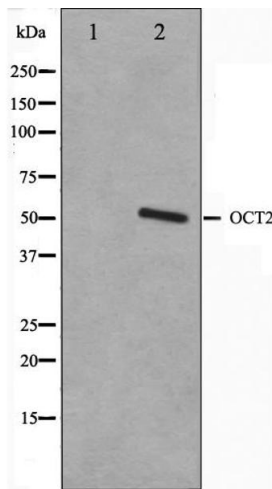
Preservative: Sodium azide

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

Storage: -20 °C

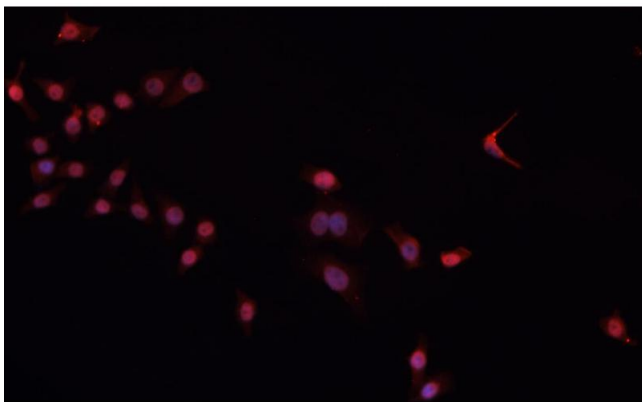
Storage Comment: Store at -20 °C.Stable for 12 months from date of receipt

Expiry Date: 12 months



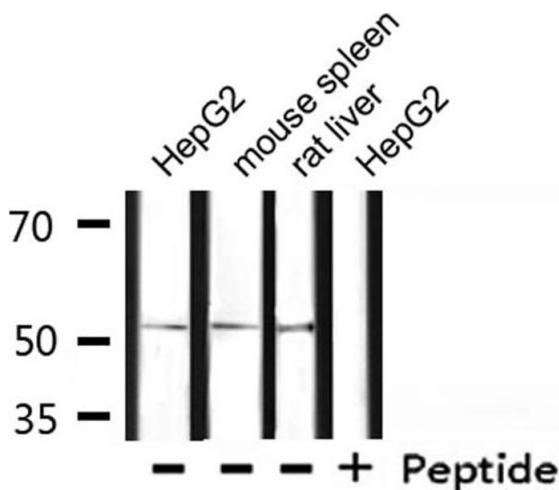
Western Blotting

Image 1. Western blot analysis on COS7 cell lysate using OCT2 Antibody. The lane on the left is treated with the antigen-specific peptide.



Immunofluorescence (fixed cells)

Image 2. ABIN6266604 staining Daudi cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody



Western Blotting

Image 3. Western blot analysis of extracts from HepG2, mouse spleen, rat liver, using OCT2 Antibody. The lane on the right is treated with the antigen-specific peptide.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6263800.