

## Product datasheet

# Anti-Oct6 antibody ab31766

★★★★☆ 2 Abreviews 4 References 画像数 3

### 製品の概要

製品名	Anti-Oct6 antibody
製品の詳細	Rabbit polyclonal to Oct6
由来種	Rabbit
アプリケーション	適用あり: IHC-Fr, ICC/IF, IHC-FoFr, WB
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Mouse Oct6. Immunogen の所有権に関して (Peptide available as <a href="#">ab31795</a> .)
ポジティブ・コントロール	Mouse Brain, Mouse Brain Whole Cell Lysate - normal tissue, 0 days old, Rat Brain Whole Cell Lysate - normal tissue. This antibody gave a positive signal in the following Methanol fixed cell line: SKNSH.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS. pH 7.4
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab31766** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

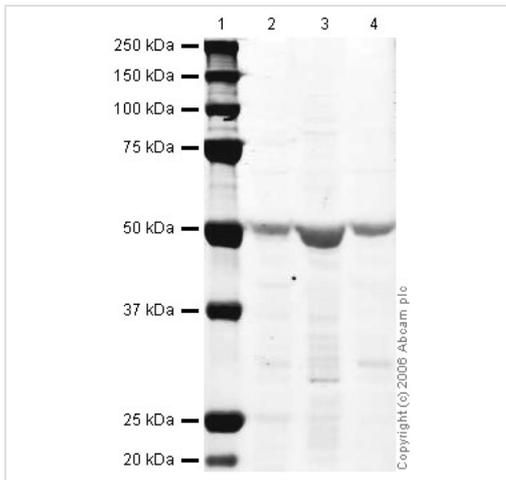
アプリケーション	Abreviews	特記事項
IHC-Fr	★★★★☆	Use at an assay dependent concentration.

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 5 µg/ml.
IHC-FoFr	★★★★☆	1/100.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 50 kDa (predicted molecular weight: 45 kDa).

## ターゲット情報

<b>機能</b>	Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3'). Thought to be involved in early embryogenesis and neurogenesis.
<b>組織特異性</b>	Expressed in embryonal stem cells and in the developing brain.
<b>配列類似性</b>	Belongs to the POU transcription factor family. Class-3 subfamily. Contains 1 homeobox DNA-binding domain. Contains 1 POU-specific domain.
<b>細胞内局在</b>	Nucleus.

## 画像



Western blot - Anti-Oct6 antibody (ab31766)

**Lane 1 :** Marker

**Lanes 2-4 :** Anti-Oct6 antibody (ab31766) at 1 µg/ml

**Lane 2 :** Mouse Brain at 20 µg

**Lane 3 :** Mouse brain tissue lysate - total protein (0 days) (ab7188) at 20 µg

**Lane 4 :** Brain (Rat) Whole Cell Lysate - normal tissue at 20 µg

### Secondary

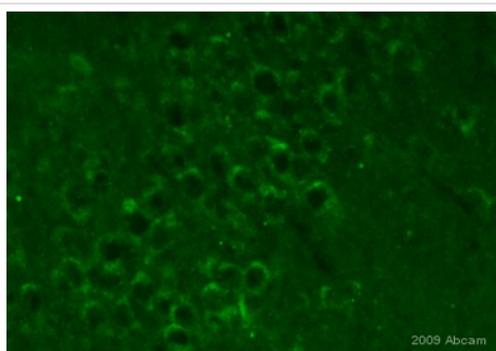
**Lanes 2-4 :** IR Dye 680 Conjugated Goat Anti-Rabbit IgG (H+L) at 1/15000 dilution

Performed under reducing conditions.

**Predicted band size:** 45 kDa

**Observed band size:** 50 kDa

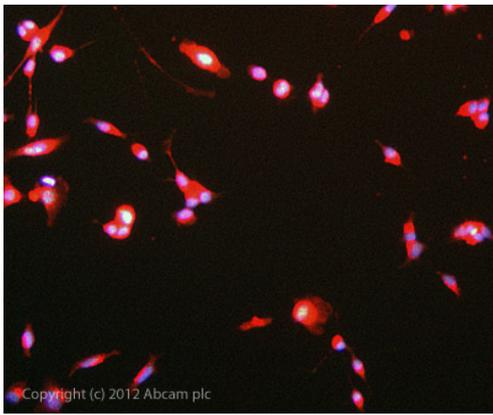
The band seen at 50kDa is thought to be the full length protein, as observed with other published antibodies to this target.



Immunohistochemistry (PFA perfusion fixed frozen sections) - Anti-Oct6 antibody (ab31766)

ab31766 staining Oct6 in rat brain tissue section by Immunohistochemistry (PFA perfusion fixed frozen sections). Tissue from 4% PFA perfused animals underwent overnight fixation in 4% paraformaldehyde, cryoprotected in 30% sucrose and cut using cryostat. The primary antibody was diluted, 1/100 (PBS + 0.3% Triton X100) and incubated with sample for 18 hours at 20°C. An Alexa Fluor® 488 conjugated goat polyclonal to rabbit IgG was used at 1/1000 dilution, as secondary.

*This image is courtesy of an Abreview submitted by Dr Sophie Pezet.*



Immunocytochemistry/ Immunofluorescence - Anti-Oct6 antibody (ab31766)

ICC/IF image of ab31766 stained SKNSH cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody ab31766 at 5µg/ml overnight at +4°C. The secondary antibody (green) was DyLight® 488 goat anti- rabbit (ab96899) IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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