


Product datasheet

Anti-SOX4 antibody ab80261

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概述

产品名称	Anti-SOX4抗体
描述	兔多克隆抗体to SOX4
宿主	Rabbit
经测试应用	适用于: IHC-P, ICC/IF, WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Goat, Horse, Chicken, Guinea pig, Cow, Dog, Drosophila melanogaster, Zebrafish 
免疫原	Synthetic peptide corresponding to Human SOX4 (N terminal). Immunogen located within the region from aa 38 and 87. Database link: <a href="#">Q06945</a>
阳性对照	HeLa cell lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab80261** in the following tested applications.

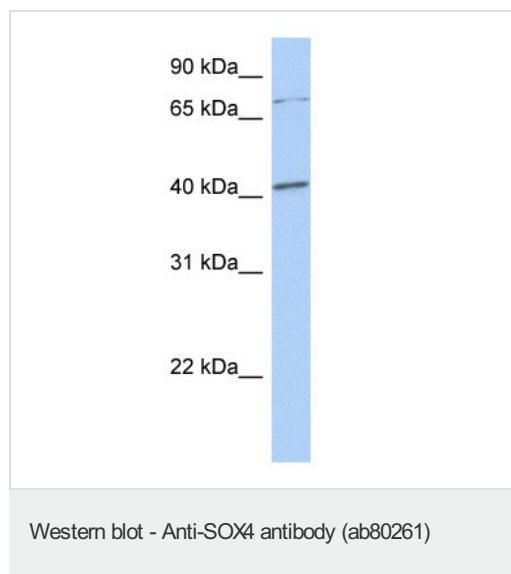
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab 评论	说明
IHC-P		Use a concentration of 5 µg/ml.
ICC/IF		Use a concentration of 1 µg/ml.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 47 kDa (predicted molecular weight: 47 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## 靶标

功能	Transcriptional activator that binds with high affinity to the T-cell enhancer motif 5'-AACAAAG-3' motif.
组织特异性	Testis, brain, and heart.
序列相似性	Contains 1 HMG box DNA-binding domain.
细胞定位	Nucleus.

## 图片



Anti-SOX4 antibody (ab80261) at 1 µg/ml +  
HeLa cell lysate at 10 µg

### Secondary

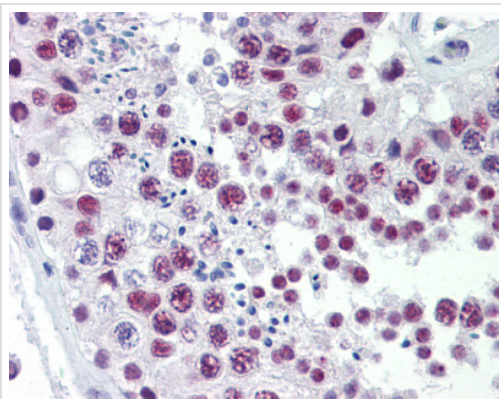
HRP conjugated anti-Rabbit IgG at 1/50000  
dilution

**Predicted band size:** 47 kDa

**Observed band size:** 47 kDa

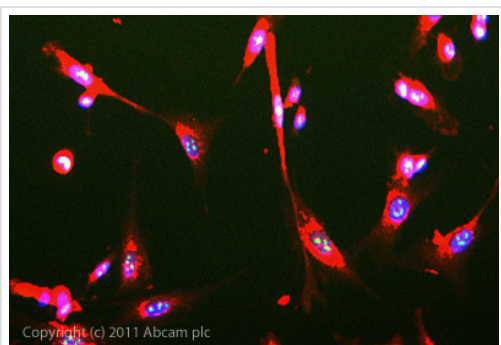
**Additional bands at:** 75 kDa. We are unsure  
as to the identity of these extra bands.

Gel concentration 12%.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SOX4 antibody (ab80261)

ab80261 at 5 µg/ml staining SOX4 in Human testis tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).



Immunocytochemistry/ Immunofluorescence - Anti-SOX4 antibody (ab80261)

ICC/IF image of ab80261 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 (ab80261, 1 µg/ml) overnight at +4°C. The secondary antibody (green) was [ab96899](#) Dylight 488 goat anti-rabbit IgG (H+L) used at a 1/250 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.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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