

### Human SOX2 Antibody Pair - BSA and Azide free ab256648

**重组** RabMAb

#### 2 图像

#### 概述

<b>产品名称</b>	人SOX2抗体Pair - BSA and Azide free
<b>检测类型</b>	ELISA set
<b>范围</b>	0.469 ng/ml - 30 ng/ml
<b>种属反应性</b>	<b>与反应:</b> Human
<b>产品概述</b>	<p>The Antibody Pair can be used to quantify Human SOX2. BSA and Azide free antibody pairs include unconjugated capture and detector antibodies suitable for sandwich ELISAs. The antibodies are provided at an approximate concentration of 1 mg/ml as measured by the protein A280 method. The recommended antibody orientation is based on internal optimization for ELISA-based assays. Antibody orientation is assay dependent and needs to be optimized for each assay type. Both capture and detector antibodies are rabbit monoclonal antibodies delivering consistent, specific, and sensitive results.</p> <p>For additional information on the performance of the antibody pair, see the equivalent SimpleStep ELISA® Kit (<a href="#">ab245707</a>), which uses the same antibodies. However, due to differences in their formulation, this antibody pair cannot be used with the consumables provided with our SimpleStep ELISA Kits. Please note that the range provided for the pairs is only an estimation based on the performance of the related product using the same antibody pair. Performance of the antibody pair will depend on the specific characteristics of your assay. We guarantee the product works in sandwich ELISA, but we do not guarantee the sensitivity or dynamic range of the antibody pair in your assay.</p> <p>Download SDS <a href="#">here</a>.</p>
<b>经测试应用</b>	<b>适用于:</b> Sandwich ELISA
<b>平台</b>	Reagents

#### 性能

<b>存放说明</b>	Store at +4°C. Please refer to protocols.
<b>无载体</b>	是

组件	10 x 96 tests
Human SOX2 Capture Antibody (unconjugated)	1 x 100µg
Human SOX2 Detector Antibody (unconjugated)	1 x 100µg

<b>功能</b>	Transcription factor that forms a trimeric complex with OCT4 on DNA and controls the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP206 (By similarity). Critical for early embryogenesis and for embryonic stem cell pluripotency.
<b>疾病相关</b>	Defects in SOX2 are the cause of microphthalmia syndromic type 3 (MCOPS3) [MIM:206900]. Microphthalmia is a clinically heterogeneous disorder of eye formation, ranging from small size of a single eye to complete bilateral absence of ocular tissues (anophthalmia). In many cases, microphthalmia/anophthalmia occurs in association with syndromes that include non-ocular abnormalities. MCOPS3 is characterized by the rare association of malformations including uni- or bilateral anophthalmia or microphthalmia, and esophageal atresia with trachoesophageal fistula.
<b>序列相似性</b>	Contains 1 HMG box DNA-binding domain.
<b>翻译后修饰</b>	Sumoylation inhibits binding on DNA and negatively regulates the FGF4 transactivation.
<b>细胞定位</b>	Nucleus.

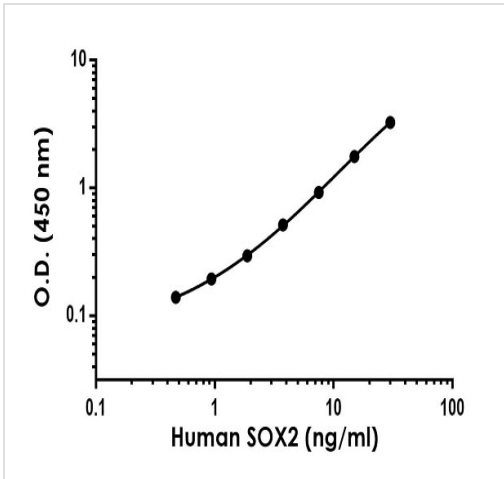
## 应用

**The Abpromise guarantee** **Abpromise™** 承诺保证使用ab256648于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
<b>Sandwich ELISA</b>		Use at an assay dependent concentration.

## 图片



Sandwich ELISA - Human SOX2 Antibody Pair -  
BSA and Azide free (ab256648)

Representative standard curve from corresponding SimpleStep ELISA® Kit ([ab245707](#)), which uses the same antibody pair. For additional information on the performance of pair and kit, refer to the corresponding kit datasheet. Due to differences in the formulation and format of the antibodies in this pair, they cannot be used as substitutes for the antibody components in our SimpleStep ELISA® Kits.

Powered by  
recombinant antibodies

**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

Sandwich ELISA - Human SOX2 Antibody Pair -  
BSA and Azide free (ab256648)

To learn more about the advantages of recombinant antibodies see [here](#).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
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