

Recombinant Human SOX2 protein ab79950

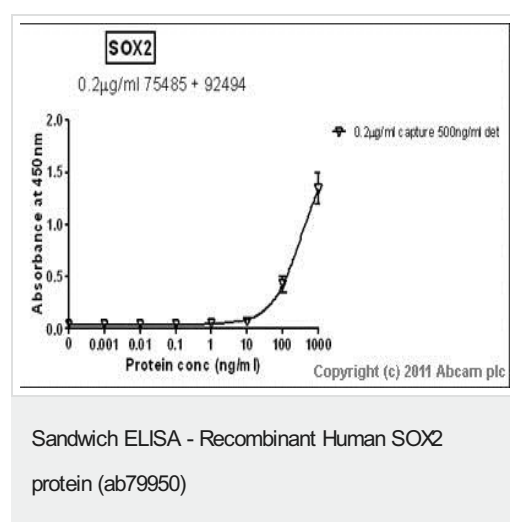
2 图像

描述	
产品名称	重组人SOX2蛋白
纯度	> 95 % SDS-PAGE. ab79950 is greater than 95% by SDS-PAGE gel and HPLC analyses. Endotoxin level is less than 0.1 ng per µg (1EU/µg).
内毒素水平	< 0.100 Eu/µg
表达系统	Escherichia coli
Accession	<u>P48431</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MYNMMETELK PPGPQQTSGG GGGNSTAAAA GGNQKNSPDR VKRPMNAFMV WSRGQRRKMA QENPKMHNSE ISKRLGAEWK LLSETEKRPF IDEAKRLRAL HMKEHPDYKY RPRRKTCTLM KKDKYTLPGG LLAPGGNSMA SGVGVGAGLG AGVNQRMDSY AHMNGWSNGS YSMMQDQLGY PQHPGLNAHG AAQMMPMHRY DVSALQYNM TSSQTYMNGS PTYSMSYSQQ GTPGMALGSM GSVVKSEASS SPPVVTSSSH SRAPCQAGDL RDMISMYLPG AEVPEPAAPS RLHMSQHYQS GPVPGTAING TLPLSHM
氨基酸	1 to 317

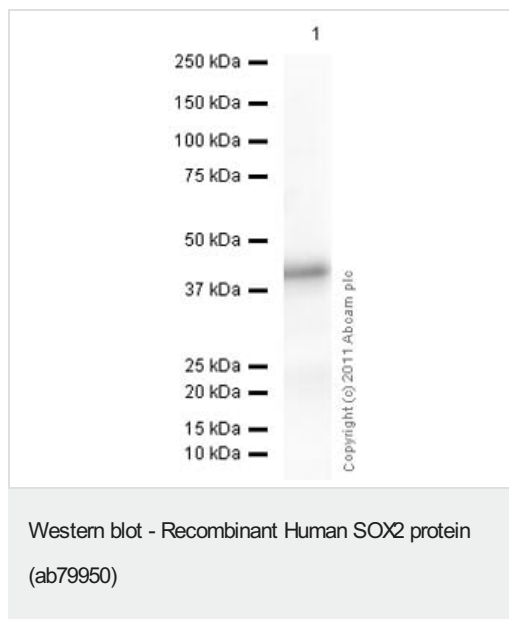
技术指标	
Our Abpromise guarantee covers the use of ab79950 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Sandwich ELISA Western blot HPLC SDS-PAGE

形式	Lyophilized
制备和贮存	
稳定性和存储	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
复溶	Reconstituted ab79950 is stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.
常规信息	
功能	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.
疾病相关	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.
序列相似性	Contains 1 HMG box DNA-binding domain.
翻译后修饰	Sumoylation inhibits binding on DNA and negatively regulates the FGF4 transactivation.
细胞定位	Nucleus.

图片



Standard Curve for SOX2 (Analyte: **SOX2 protein (Human) (ab79950)**); dilution range 1pg/ml to 1µg/ml using Capture Antibody **Mouse monoclonal [57CT23.3.4] to SOX2 (ab75485)** at 0.2µg/ml and Detector Antibody **Rabbit monoclonal [EPR3131] to SOX2 (ab92494)** at 0.5µg/ml.



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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors