

Product datasheet

Anti-SOX9 antibody ab36748

3 References 1 图像

概述

产品名称	Anti-SOX9抗体
描述	兔多克隆抗体to SOX9
经测试应用	适用于: IHC-P
种属反应性	与反应: Human
免疫原	Recombinant fragment, corresponding to N terminal amino acids 1-150 of Human SOX9
阳性对照	SW480 cells. Human testis.

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: 0.1% Sodium Azide Constituents: 1% BSA, 10mM PBS, pH 7.4
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab36748** in the following tested applications.

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

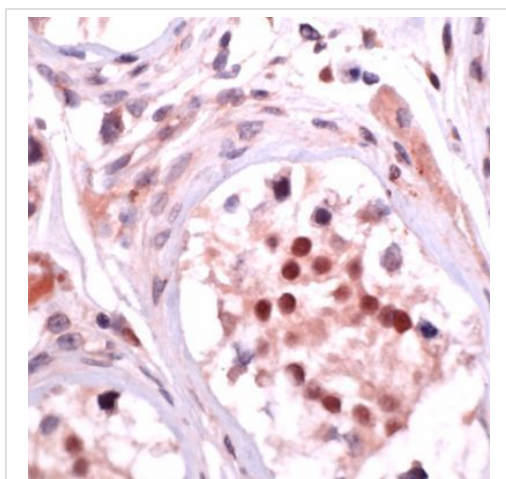
应用	Ab评论	说明
IHC-P		

应用说明	<p>IHC-P: 1/50.</p> <p>Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.</p> <p>Not yet tested in other applications.</p> <p>Optimal dilutions/concentrations should be determined by the end user.</p>
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靶标

功能	Plays an important role in the normal skeletal development. May regulate the expression of other genes involved in chondrogenesis by acting as a transcription factor for these genes.
疾病相关	Defects in SOX9 are the cause of campomelic dysplasia (CMD1) [MIM:114290]. CMD1 is a rare, often lethal, dominantly inherited, congenital osteochondrodysplasia, associated with male-to-female autosomal sex reversal in two-thirds of the affected karyotypic males. A disease of the newborn characterized by congenital bowing and angulation of long bones, unusually small scapulae, deformed pelvis and spine and a missing pair of ribs. Craniofacial defects such as cleft palate, micrognathia, flat face and hypertelorism are common. Various defects of the ear are often evident, affecting the cochlea, malleus incus, stapes and tympanum. Most patients die soon after birth due to respiratory distress which has been attributed to hypoplasia of the tracheobronchial cartilage and small thoracic cage.
序列相似性	Contains 1 HMG box DNA-binding domain.
细胞定位	Nucleus.

图片



Human testis stained with Anti-SOX9 (ab36748) at 1/50 dilution by Immunohistochemistry (FFPE-sections) for 30 min at room temperature.

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) - SOX9 antibody (ab36748)

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