abcam

Product datasheet

Anti-FOXD3 antibody ab64807

4 References   2 图像

概述

产品名称	Anti-FOXD3抗体
描述	兔多克隆抗体to FOXD3
宿主	Rabbit
经测试应用	**适用于:** WB, IHC-P
种属反应性	**与反应:** Human
	预测可用于: Mouse
免疫原	A synthesized peptide derived from an internal region of human FOXD3.
阳性对照	Human heart tissue and extracts from HUVEC and 293 cells
常规说明	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
	If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

---

性能

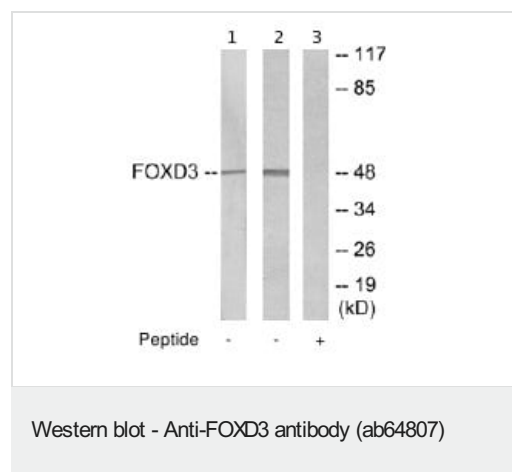|	
形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee	**Abpromise™**承诺保证使用ab64807于以下的经测试应用

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 48 kDa (predicted molecular weight: 48 kDa).
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.

靶标

功能	Binds to the consensus sequence 5'-A[AT]T[AG]TTTGTTT-3' and acts as a transcriptional repressor. Also acts as a transcriptional activator. Promotes development of neural crest cells from neural tube progenitors. Restricts neural progenitor cells to the neural crest lineage while suppressing interneuron differentiation. Required for maintenance of pluripotent cells in the pre-implantation and peri-implantation stages of embryogenesis.
组织特异性	Expressed in chronic myeloid leukemia, Jurkat T-cell leukemia and teratocarcinoma cell lines, but not in any other cell lines or normal tissues examined.
疾病相关	Defects in FOXD3 are associated with susceptibility to autoimmune disease type 1 (AIS1) [MIM:607836]. AIS1 is a disorder characterized by the association of vitiligo with autoimmune thyroiditis (Hashimoto thyroiditis).
序列相似性	Contains 1 fork-head DNA-binding domain.
细胞定位	Nucleus.

图片

Western blot - Anti-FOXD3 antibody (ab64807)

All lanes : Anti-FOXD3 antibody (ab64807) at 1/500 dilution

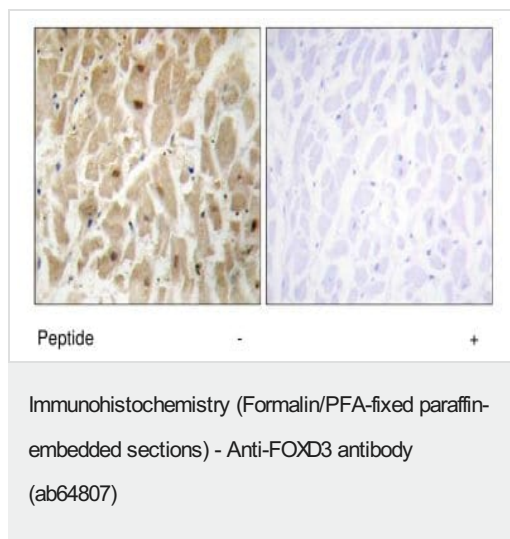**Lane 1 :** Extracts of HUVEC cells

Lane 2 : Extracts of 293 cells

Lane 3 : Extracts of 293 cells, plus immunising peptide at 5-10μg

Lysates/proteins at 5 μg per lane.

Predicted band size: 48 kDa

Observed band size: 48 kDa

Immunohistochemistry analysis of paraffin-embedded human heart tissue using ab64807 at a 1:50 dilution.

Left image untreated.

Right image treated with immunising peptide.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXD3 antibody (ab64807)

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