abcam

Product datasheet

Anti-FOXD3 antibody ab64807

4 References 画像数 2

製品の概要

製品名	Anti-FOXD3 antibody
製品の詳細	Rabbit polyclonal to FOXD3
由来種	Rabbit
アプリケーション	**適用あり:** WB, IHC-P
種交差性	**交差種:** Human **交差が予測される動物種:** Mouse
免疫原	A synthesized peptide derived from an internal region of human FOXD3.
ポジティブ・コントロール	Human heart tissue and extracts from HUVEC and 293 cells
特記事項	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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee	**Abpromise保証は、次のテスト済みアプリケーションにおけるab64807の使用に適用されます**

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

ターゲット情報

機能 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.

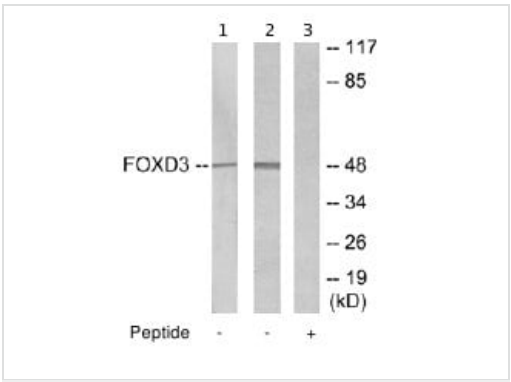
組織特異性 Expressed in chronic myeloid leukemia, Jurkat T-cell leukemia and teratocarcinoma cell lines, but not in any other cell lines or normal tissues examined.

関連疾患 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).

配列類似性 Contains 1 fork-head DNA-binding domain.

細胞内局在 Nucleus.

画像



Western blot - Anti-FOXD3 antibody (ab64807)

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

Lane 1 : Extracts of HUVEC cells

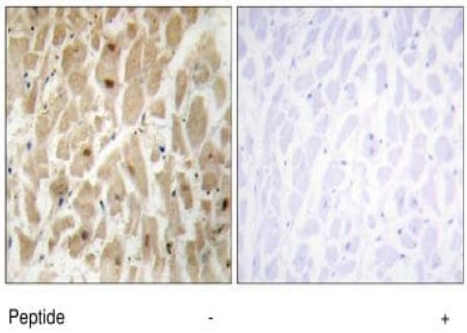
Lane 2 : Extracts of 293 cells

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

Immunohistochemistry analysis of paraffin-embedded human heart tissue using ab64807 at a 1:50 dilution.
Left image untreated.
Right image treated with immunising peptide.

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