

Product datasheet

Anti-Tbx2 antibody ab33298

★★★★☆ 2 Abreviews 3 References 3 图像

概述

产品名称	Anti-Tbx2抗体
描述	兔多克隆抗体to Tbx2
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, IHC-Fr
种属反应性	与反应: Human 预测可用于: Mouse, Dog, Xenopus laevis
免疫原	Synthetic peptide conjugated to KLH derived from within residues 650 to the C-terminus of Human Tbx2.参阅Abcam的专有抗源政策(Peptide available as ab35983 .)
阳性对照	This antibody gave a positive signal in the following Human tissue lysates: Kidney; Lung; Heart

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab33298** 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
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 74 kDa (predicted molecular weight: 74 kDa).
IHC-P	★★★★☆	1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

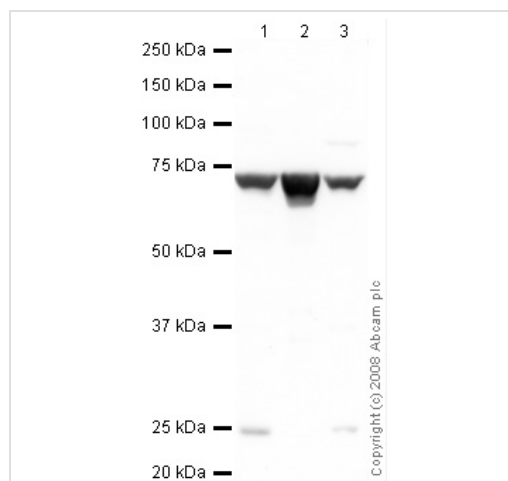
应用	Ab评论	说明
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IHC-Fr ★★★★★ Use at an assay dependent concentration.

靶标

功能	Involved in the transcriptional regulation of genes required for mesoderm differentiation. Probably plays a role in limb pattern formation.
组织特异性	Expressed primarily in adult in kidney, lung, and placenta. Weak expression in heart and ovary.
序列相似性	Contains 1 T-box DNA-binding domain.
细胞定位	Nucleus.

图片



Western blot - Anti-Tbx2 antibody (ab33298)

All lanes : Anti-Tbx2 antibody (ab33298) at 1 μ g/ml

Lane 1 : Human kidney tissue lysate - total protein ([ab30203](#))

Lane 2 : Lung (Human) Tissue Lysate

Lane 3 : Human heart tissue lysate - total protein ([ab29431](#))

Lysates/proteins at 10 μ g per lane.

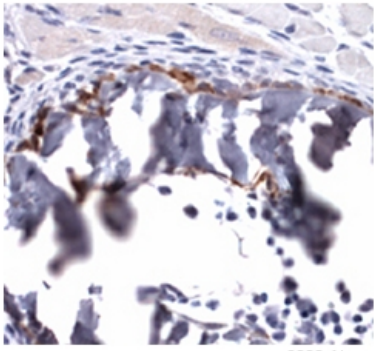
Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

Predicted band size: 74 kDa

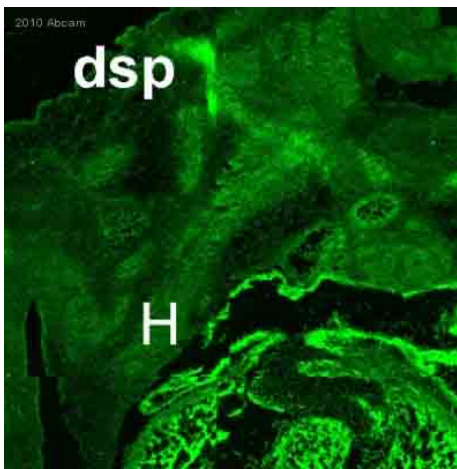
Observed band size: 74 kDa



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Formalin-fixed paraffin-embedded mouse bone marrow section stained with ab33298 Tbx2 antibody at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tbx2 antibody (ab33298)



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ab33298 staining Tbx2 in mouse heart and somatopleure tissue sections by Immunohistochemistry (frozen sections). Tissue was fixed with methanol. Samples were then blocked with 5% serum for 2 hours at 25°C followed by incubation with the primary antibody at a 1/100 dilution for 16 hours at 4°C. An undiluted Cy2[®]-conjugated Donkey anti-rabbit IgG was used as secondary antibody.

Immunohistochemistry (Frozen sections) - Anti-Tbx2 antibody (ab33298)

Image courtesy of Mr Xu Jun by Abreview

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