


Product datasheet

Anti-TGF beta 3 antibody ab227711

★★★★★ [1 Abreviews](#) [1 References](#) [3 Images](#)

Overview

Product name	Anti-TGF beta 3 antibody
Description	Rabbit polyclonal to TGF beta 3
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Pig, Rhesus monkey 
Immunogen	Recombinant fragment within Human TGF beta 3 (internal sequence). The exact sequence is proprietary. Database link: P10600
Positive control	WB: TGF beta 3 transfected HEK-293T whole cell extract. IHC-P: Mouse lung and kidney tissues.
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab227711 in the following tested applications.

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

Application	Abreviews	Notes
WB	★★★★★ (1)	1/5000 - 1/20000. Predicted molecular weight: 47 kDa.
IHC-P		1/100 - 1/1000.

Target

Function

Involved in embryogenesis and cell differentiation.

Involvement in disease

Defects in TGFB3 are a cause of familial arrhythmogenic right ventricular dysplasia type 1 (ARVD1) [MIM:107970]; also known as arrhythmogenic right ventricular cardiomyopathy 1 (ARVC1). ARVD is an autosomal dominant disease characterized by partial degeneration of the myocardium of the right ventricle, electrical instability, and sudden death. It is clinically defined by electrocardiographic and angiographic criteria; pathologic findings, replacement of ventricular myocardium with fatty and fibrous elements, preferentially involve the right ventricular free wall.

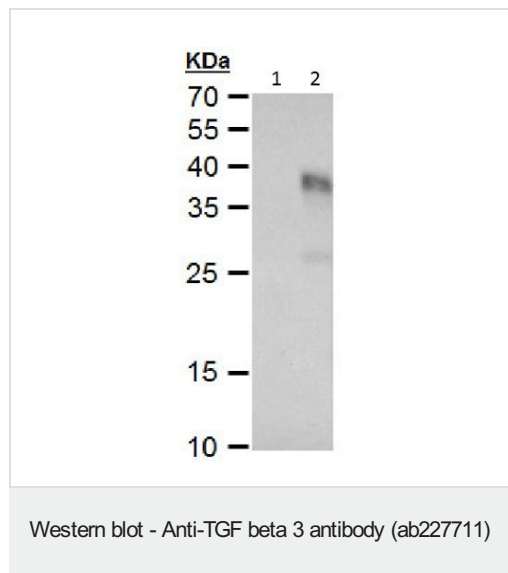
Sequence similarities

Belongs to the TGF-beta family.

Cellular localization

Secreted.

Images



All lanes : Anti-TGF beta 3 antibody (ab227711) at 1/20000 dilution

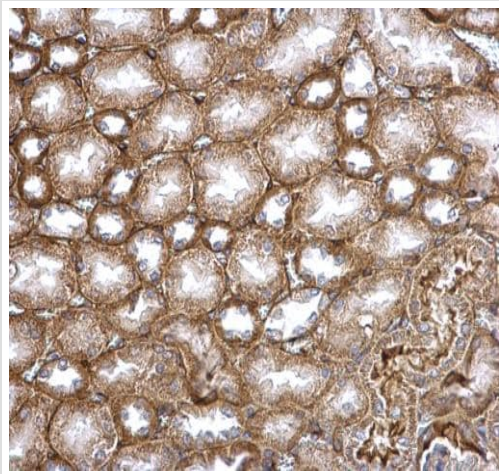
Lane 1 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell extract

Lane 2 : TGF beta 3 transfected HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell extract

Lysates/proteins at 30 µg per lane.

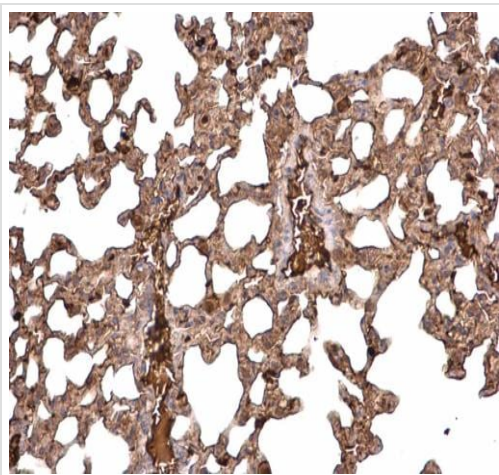
Predicted band size: 47 kDa

12 % SDS-PAGE gel.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TGF beta 3 antibody (ab227711)

Paraffin-embedded mouse kidney tissue stained for TGF beta 3 with ab227711 at 1/500 dilution in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TGF beta 3 antibody (ab227711)

Paraffin-embedded mouse lung tissue stained for TGF beta 3 with ab227711 at 1/500 dilution in immunohistochemical analysis.

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

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- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

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