

Anti-PAX9 antibody [7C2] ab28538

リコンビナント

★★★★★ [1 Abreviews](#) [11 References](#) [画像数 2](#)

製品の概要

製品名	Anti-PAX9 antibody [7C2]
製品の詳細	Rat monoclonal [7C2] to PAX9
由来種	Rat
特異性	Does not cross react with other PAX proteins
アプリケーション	適用あり: ICC/IF, WB 適用なし: IHC-P
種交差性	交差種: Mouse
免疫原	Recombinant fragment within Mouse PAX9 aa 250 to the C-terminus. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements.
ポジティブ・コントロール	WB: Mouse esophagus, Mouse skeletal muscle tissue. ICC/IF: NIH/3T3 cells.
特記事項	This product has switched from a hybridoma to recombinant production method on 08th March 2021. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名	7C2
アイソタイプ	IgG1
軽鎖の種類	kappa

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ab28538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。

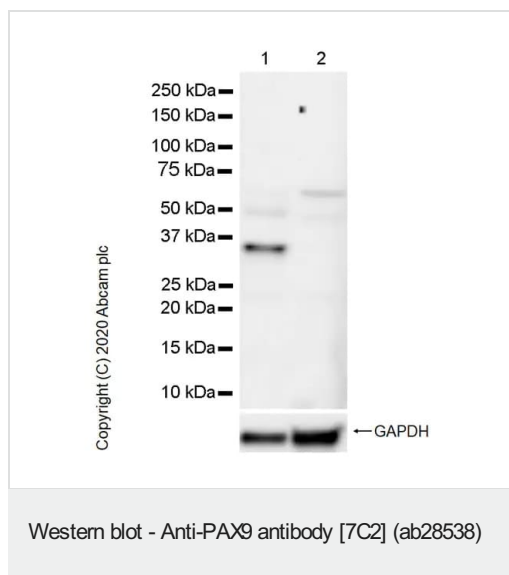
アプリケーション	Abreviews	特記事項
ICC/IF		1/20.
WB		1/1000. Predicted molecular weight: 38 kDa.

追加情報 Is unsuitable for IHC-P.

ターゲット情報

機能	Transcription factor required for normal development of thymus, parathyroid glands, ultimobranchial bodies, teeth, skeletal elements of skull and larynx as well as distal limbs.
関連疾患	Defects in PAX9 are the cause of tooth agenesis selective type 3 (STHAG3) [MIM:604625]. A form of selective tooth agenesis, a common anomaly characterized by the congenital absence of one or more teeth. Selective tooth agenesis without associated systemic disorders has sometimes been divided into 2 types: oligodontia, defined as agenesis of 6 or more permanent teeth, and hypodontia, defined as agenesis of less than 6 teeth. The number in both cases does not include absence of third molars (wisdom teeth).
配列類似性	Contains 1 paired domain.
細胞内局在	Nucleus.

画像



All lanes : Anti-PAX9 antibody [7C2] (ab28538) at 1/1000 dilution

Lane 1 : Mouse esophagus tissue lysate

Lane 2 : Mouse skeletal muscle tissue lysate

Lysates/proteins at 20 µg per lane.

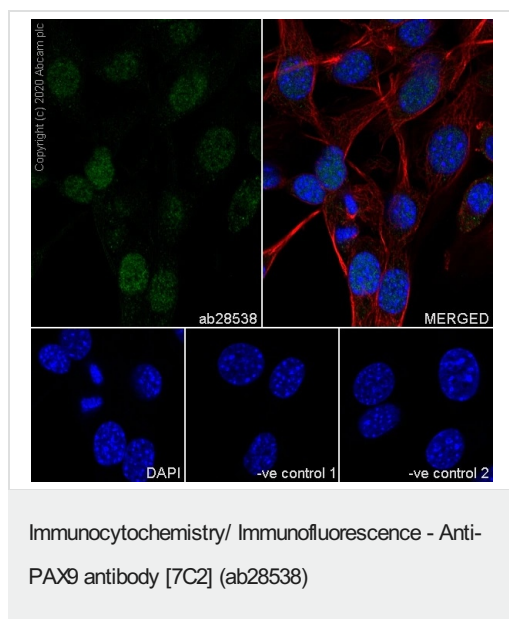
Secondary

All lanes : Goat Anti-Rat IgG H&L (HRP) ([ab205720](#)) at 1/10000 dilution

Predicted band size: 38 kDa

Exposure time: 70 seconds

Blocking and diluting buffer and concentration: 5% NFDM/TBST



Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized NIH/3T3 cells labelling PAX9 with ab28538 at 1/20 (49.7 µg/ml) dilution, followed by [ab150157](#) Goat Anti-Rat IgG H&L (Alexa Fluor® 488) antibody at 1/1000 dilution (Green). Confocal image showing strong nuclear staining in NIH/3T3 cells. [ab179513](#) Anti-beta Tubulin rabbit monoclonal antibody was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is [ab150157](#) Goat Anti-Rat IgG H&L (Alexa Fluor® 488) at 1/1000 dilution.

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

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