

Anti-gamma Catenin (phospho Y550) antibody ab29041

画像数 1

製品の概要

製品名	Anti-gamma Catenin (phospho Y550) antibody
製品の詳細	Rabbit polyclonal to gamma Catenin (phospho Y550)
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to Human gamma Catenin (phospho Y550) conjugated to keyhole limpet haemocyanin.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.05% Sodium azide Constituents: PBS, 50% Glycerol, 0.1% BSA
精製度	Immunogen affinity purified
特記事項 (精製)	ab29041 was cross adsorbed to both phospho tyrosine coupled to agarose and to dephosphorylated gamma Catenin (Tyr550) peptide before immunogen affinity purification (without carrier protein).
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ab29041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		1/1000. Predicted molecular weight: 80 kDa. In 5% non fat milk, PBS, 0.04% Tween 20 for 1hour at room temperature.

ターゲット情報

機能

Common junctional plaque protein. The membrane-associated plaques are architectural elements in an important strategic position to influence the arrangement and function of both the cytoskeleton and the cells within the tissue. The presence of plakoglobin in both the desmosomes and in the intermediate junctions suggests that it plays a central role in the structure and function of submembranous plaques. Acts as a substrate for VE-PTP and is required by it to stimulate VE-cadherin function in endothelial cells. Can replace beta-catenin in E-cadherin/catenin adhesion complexes which are proposed to couple cadherins to the actin cytoskeleton.

関連疾患

Defects in JUP are the cause of Naxos disease (NXD) [MIM:601214]. NXD is an autosomal recessive disorder combining diffuse non-epidermolytic palmoplantar keratoderma with arrhythmogenic right ventricular dysplasia/cardiomyopathy and woolly hair.
Defects in JUP are the cause of familial arrhythmogenic right ventricular dysplasia type 12 (ARVD12) [MIM:611528]; also called arrhythmogenic right ventricular cardiomyopathy 12 (ARVC12). 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.

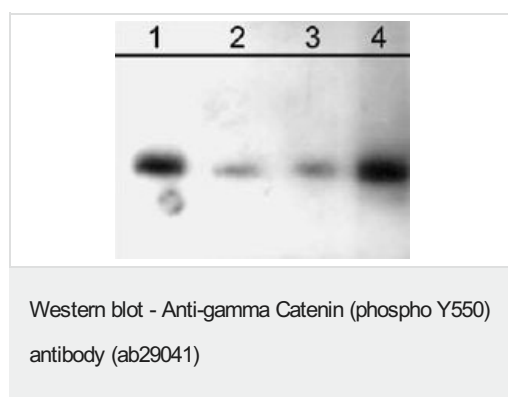
配列類似性

Belongs to the beta-catenin family.
Contains 9 ARM repeats.

細胞内局在

Cell junction > adherens junction. Cell junction > desmosome. Cytoplasm > cytoskeleton.
Membrane. Cytoplasmic in a soluble and membrane-associated form.

画像



Western blot analysis of gamma-Catenin immunoprecipitated from lysates prepared from A431 cells treated with pervanadate. The immunoprecipitation was performed using mouse monoclonal anti-gamma-Catenin. The blots were probed with anti-phospho-gamma-Catenin (Tyr-550) antibody. The immunoprecipitated gamma-Catenin was untreated (lane 1) or treated with alkaline phosphatase (lane 2) then probed with the antibody. In addition, the anti-phospho-gamma-Catenin (Tyr-550) was used in the presence of phospho-gamma-Catenin (Tyr-550) peptide (lane 3) or phospho-gamma-Catenin (Tyr-644) peptide (lane 4).

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

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