


Anti-Wnt11 antibody ab31962

★★★★☆ **8 Abreviews** **18 References** 画像数 2

製品の概要

製品名	Anti-Wnt11 antibody
製品の詳細	Rabbit polyclonal to Wnt11
由来種	Rabbit
特異性	<p>From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help.</p> <p>This antibody detects recombinant human Wnt11 by Western Blotting. We have been unable to detect endogenous protein in cell lines with this antibody, possibly due to the low level of endogenous protein in the samples tested.</p>
アプリケーション	適用あり: ICC/IF, WB
種交差性	<p>交差種: Human</p> <p>交差が予測される動物種: Mouse, Rat, Rabbit, Cow </p>
免疫原	<p>Synthetic peptide corresponding to Human Wnt11 aa 250-350 conjugated to keyhole limpet haemocyanin.</p> <p>(Peptide available as ab28716)</p>
ポジティブ・コントロール	This antibody gave a positive result in IF in the following formaldehyde fixed cell lines: DU145.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40

Preservative: 0.02% Sodium azide
Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

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ab31962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		Use a concentration of 5 µg/ml.
WB	★★★★★ (5)	Use a concentration of 1 µg/ml. Detects a band of approximately 37 kDa (predicted molecular weight: 39 kDa).

ターゲット情報

機能 Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters.

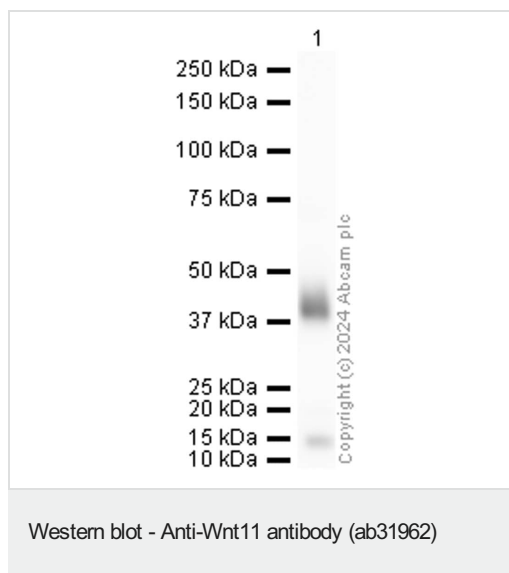
組織特異性 Expressed in fetal lung, kidney, adult heart, liver, skeletal muscle, and pancreas.

配列類似性 Belongs to the Wnt family.

翻訳後修飾 Palmitoylation at Ser-215 is required for efficient binding to frizzled receptors. Palmitoylation is necessary for proper trafficking to cell surface.

細胞内局在 Secreted, extracellular space, extracellular matrix.

画像



Anti-Wnt11 antibody (ab31962) at 1 µg/ml + Human Wnt11
Recombinant Protein at 0.01 µg

Secondary

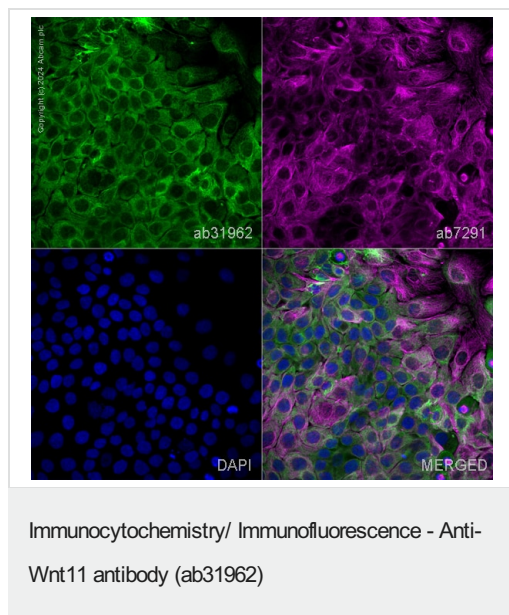
Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at
1/50000 dilution

Performed under reducing conditions.

Predicted band size: 39 kDa

Observed band size: 39 kDa

Blocking Buffer: 2% BSA



ab31962 staining Wnt11 in HaCat cells. The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.1% PBS-Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1%PBS-Tween for 1h. The cells were then incubated overnight at 4°C with ab31962 at 1µg/ml and **ab7291**, Mouse monoclonal [DM1A] to alpha Tubulin - Loading Control. Cells were then incubated with **ab150081**, Goat polyclonal Secondary Antibody to Rabbit IgG - H&L (Alexa Fluor® 488), pre-adsorbed at 1/1000 dilution (shown in green) and **ab150120**, Goat polyclonal Secondary Antibody to Mouse IgG - H&L (Alexa Fluor® 594), pre-adsorbed at 1/1000 dilution (shown in pseudocolour magenta). Nuclear DNA was labelled with DAPI (shown in blue). Image was acquired with a high-content analyser (Operetta CLS, Perkin Elmer) and a maximum intensity projection of confocal sections is shown.

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