



Anti-Frizzled 5 antibody ab75234

17 References **画像数 3**

製品の概要

製品名	Anti-Frizzled 5 antibody
製品の詳細	Rabbit polyclonal to Frizzled 5
由来種	Rabbit
アプリケーション	適用あり: ELISA, WB, ICC/IF, IHC-P
種交差性	交差種: Mouse, Human 交差が予測される動物種: Rat 
免疫原	Synthetic peptide corresponding to Human Frizzled 5 (internal sequence). Sequence: CGHDTGQPRAKPEY (Peptide available as ab134673 , ab234542) <div>  Run BLAST with  Run BLAST with </div>
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 -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS Without Mg2+ and Ca2+
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル

アプリケーション

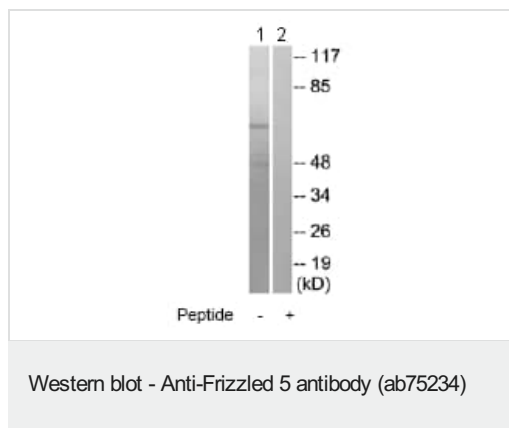
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab75234の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.
WB		1/500 - 1/1000. Detects a band of approximately 65 kDa (predicted molecular weight: 65 kDa).
ICC/IF		1/500 - 1/1000.
IHC-P		Use a concentration of 4 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

ターゲット情報

機能	Receptor for Wnt proteins. Most of frizzled receptors are coupled to the beta-catenin canonical signaling pathway, which leads to the activation of disheveled proteins, inhibition of GSK-3 kinase, nuclear accumulation of beta-catenin and activation of Wnt target genes. A second signaling pathway involving PKC and calcium fluxes has been seen for some family members, but it is not yet clear if it represents a distinct pathway or if it can be integrated in the canonical pathway, as PKC seems to be required for Wnt-mediated inactivation of GSK-3 kinase. Both pathways seem to involve interactions with G-proteins. May be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis and/or in differentiated tissues. Interacts specifically with Wnt5A to induce the beta-catenin pathway.
配列類似性	Belongs to the G-protein coupled receptor Fz/Smo family. Contains 1 FZ (frizzled) domain.
ドメイン	The PDZ-binding motif mediates interaction with GOPC. Lys-Thr-X-X-X-Trp motif interacts with the PDZ domain of Dvl (Disheveled) family members and is involved in the activation of the Wnt/beta-catenin signaling pathway. The FZ domain is involved in binding with Wnt ligands.
細胞内局在	Cell membrane. Golgi apparatus membrane. Localized at the plasma membrane and also found at the Golgi.

画像



All lanes : Anti-Frizzled 5 antibody (ab75234) at 1/500 dilution

Lane 1 : LOVO cell extracts

Lane 2 : LOVO cell extracts with immunising peptide at 10 µg

Lysates/proteins at 30 µg per lane.

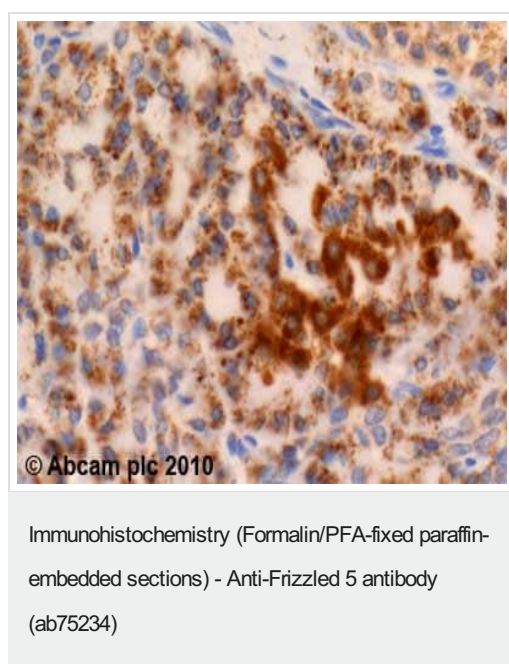
Predicted band size: 65 kDa

Observed band size: 65 kDa

Additional bands at: 48 kDa. We are unsure as to the identity of these extra bands.



ab75234 at 1/500 dilution staining Frizzled 5 in A549 cells by Immunofluorescence, in the absence or presence of the immunising peptide.



ab75234 (4µg/ml) staining Frizzled 5 in human pancreas using an automated system (DAKO Autostainer Plus). Using this protocol there is strong cytoplasmic staining of the Islets of Langerhans. Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffer EDTA pH 9.0 in a DAKO PT link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako envision flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended. Signal amplification may be required.

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