

Anti-Frizzled 5 antibody ab14475

★★★★★ [2 Abreviews](#) [6 References](#) [画像数 1](#)

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
特異性	Recognizes human Fz5.
アプリケーション	適用あり: ICC/IF, IHC-FoFr, WB
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide: C-TGRTPPGPAATYHKQVSLSHV conjugated to KLH, corresponding to N terminal amino acids 564-585 of Human Frizzled 5.

 [Run BLAST with](#)

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特記事項

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.

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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Add glycerol to a final volume of 50% for extra stability and aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.05% Sodium azide Constituents: 30% Glycerol, 0.609% Sodium chloride
精製度	Protein A 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

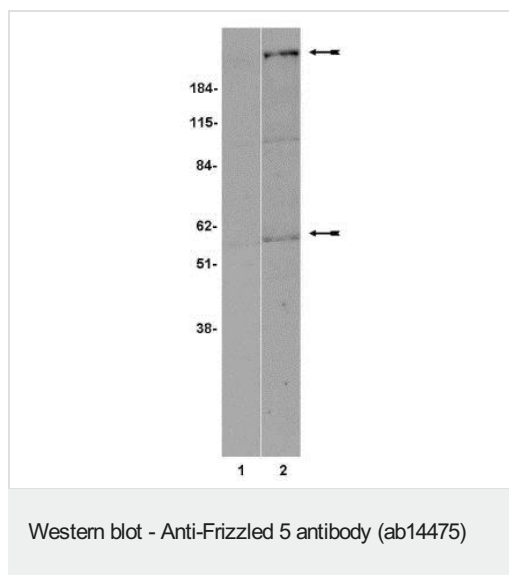
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab14475の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use at an assay dependent concentration. PubMed: 20530549
IHC-FoFr		Use at an assay dependent concentration. PubMed: 20530549
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 63 kDa.

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



TENT lysates of transiently transfected 293 cells were probed with anti-Fz5 (1 g/ml). TENT lysing buffer; 20mM Tris-HCl, pH 8.0, 2mM EDTA, 150mM NaCl, and 1% Triton X-100; 1mM PMSF; 1ug/ml each aprotinin, leupeptin, pepstatin; 1mM Na3VO4; 1mM NaF

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

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