


Product datasheet

Anti-SFRP1 antibody ab66673

1 References [画像数 1](#)

製品の概要

製品名	Anti-SFRP1 antibody
製品の詳細	Rabbit polyclonal to SFRP1
由来種	Rabbit
アプリケーション	適用あり: WB, ELISA
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Chicken, Cow, Dog 
免疫原	A region within synthetic peptide: KNGADCPCHQ LDNLSHHFLI MGRKVKSQYL LTAIHKWDKK NKEFKNFMKK, corresponding to internal sequence amino acids 252-301 of Human SFRP1 Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	Fetal kidney lysate.

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: None Constituents: 2% Sucrose, PBS
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

Our [Abpromise guarantee](#) covers the use of **ab66673** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリ ケーショ ン	Abreviews	特記事項
WB		Use a concentration of 0.3125 µg/ml. Detects a band of approximately 35 kDa (predicted molecular weight: 35 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
ELISA		Use at an assay dependent concentration. Titre using peptide based assay 1/62500.

ターゲット情報

機能	Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types. SFRP1 decreases intracellular beta-catenin levels (By similarity). Has antiproliferative effects on vascular cells, in vitro and in vivo, and can induce, in vivo, an angiogenic response. In vascular cell cycle, delays the G1 phase and entry into the S phase (By similarity). In kidney development, inhibits tubule formation and bud growth in metanephroi (By similarity). Inhibits WNT1/WNT4-mediated TCF-dependent transcription.
組織特異性	Widely expressed. Absent from lung, liver and peripheral blood leukocytes. Highest levels in heart and fetal kidney. Also expressed in testis, ovary, fetal brain and lung, leiomyomal cells, myometrial cells and vascular smooth muscle cells. Expressed in foreskin fibroblasts and in keratinocytes.
配列類似性	Belongs to the secreted frizzled-related protein (sFRP) family. Contains 1 FZ (frizzled) domain. Contains 1 NTR domain.
ドメイン	The FZ domain is involved in binding with Wnt ligands.
細胞内局在	Secreted. Cell membrane or extracellular matrix-associated. Released by heparin-binding.

画像

90 kDa__
59 kDa__
38 kDa__
28 kDa__
17 kDa__



Western blot - SFRP1 antibody (ab66673)

Anti-SFRP1 antibody (ab66673) at 0.3125
µg/ml (in 5% skim milk / PBS buffer) + Fetal
kidney lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000
dilution

Predicted band size: 35 kDa

Observed band size: 35 kDa

Additional bands at: 39 kDa. We are unsure
as to the identity of these extra bands.

Gel concentration 12%

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