

Anti-Fibroblast activation protein, alpha antibody ab53066

★★★★★ [13 Abreviews](#) [116 References](#) [画像数 2](#)

製品の概要

| | |
|--------------|---|
| 製品名 | Anti-Fibroblast activation protein, alpha antibody |
| 製品の詳細 | Rabbit polyclonal to Fibroblast activation protein, alpha |
| 由来種 | Rabbit |
| 特異性 | ab53066 detects endogenous levels of total Fibroblast activation protein, alpha. Please note the immunogen used to produce this product has 92% homology with Mouse DPPV/CD26. |
| アプリケーション | 適用あり: WB, IHC-P |
| 種交差性 | 交差種: Human |
| 免疫原 | Synthetic peptide corresponding to Human Fibroblast activation protein, alpha. A synthetic peptide derived from human Fibroblast activation protein, alpha. Peptide available as ab150744 . Database link: Q12884 (Peptide available as ab150744) |
| ポジティブ・コントロール | Human breast carcinoma tissue and LOVO cell extracts. |
| 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 | 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, 0.87% Sodium chloride, PBS |
| 精製度 | Without Mg+2 and Ca+2 Immunogen affinity purified |
| 特記事項 (精製) | ab53066 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope- |

| | |
|--------|---------------------|
| | specific immunogen. |
| 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

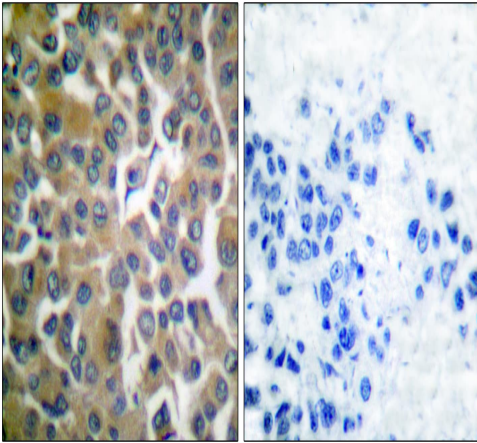
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab53066の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--|
| WB | ★★★★★ (4) | 1/500 - 1/1000. Detects a band of approximately 90 kDa. Please see WB protocol details in the image legend. |
| IHC-P | ★★★★★ (5) | 1/50 - 1/100. Antigen retrieval: Microwave method - put the slice into 10 mmol/L citrate buffer (pH 6.0), microwave high temperature for 5 minutes, and then medium temperature for 15 minutes. Primary antibody incubation: 1 hour at 37°C Secondary antibody: Poly-HRP-Anti Mouse/Rabbit IgG, 50 µL for |

ターゲット情報

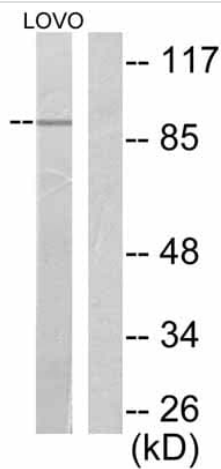
| | |
|-------|--|
| 機能 | In association with DPP4 is involved in the pericellular proteolysis of the extracellular matrix (ECM), the migration and invasion of endothelial cells into the ECM. May have a role in tissue remodeling during development and wound healing, and may contribute to invasiveness in malignant cancers. |
| 組織特異性 | Fibroblast specific. |
| 配列類似性 | Belongs to the peptidase S9B family. |
| 翻訳後修飾 | N-glycosylated. The N-terminus may be blocked. |
| 細胞内局在 | Cell membrane. Cell projection > lamellipodium membrane. Cell projection > invadopodium membrane. Found in cell surface lamellipodia, invadopodia and on shed vesicles. Colocalized with DPP4 in invadopodia and lamellipodia of migratory activated endothelial cells in collagenous matrix. Colocalized with DPP4 on endothelial cells of capillary-like microvessels but not large vessels within invasive breast ductal carcinoma. |

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fibroblast activation protein, alpha antibody (ab53066)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue sections labeling Fibroblast activation protein, alpha with ab53066 (without peptide-right and with peptide- left).



Western blot - Anti-Fibroblast activation protein, alpha antibody (ab53066)

All lanes : Anti-Fibroblast activation protein, alpha antibody (ab53066) at 1/500 dilution

Lane 1 : LOVO cell extract

Lane 2 : LOVO cell extract at 40 µg with immunising peptide

Observed band size: 90 kDa

Blocking buffer: 5% (w/v) non-fat dry milk in TBST.

Primary antibody dilution buffer: 5%(w/v)non-fat dried milk,0.1% (v/v), Tween-20 in TBST.

Secondary antibody dilution buffer: 5%(w/v)non-fat dried milk,0.1% (v/v),Tween-20 in TBST.

12% SDS gel. Nitrocellulose membrane.

Blocking: Room temperature for 2 hours or overnight at 4°C. Then wash 3x for 5 minutes with 0.05% blocking buffer.

Primary antibody incubation: diluted in TBST at 1/500. Incubate overnight with 4 degrees shaking. Then, in 0.05% TBST, wash membrane 3-4 times for 10min.

Secondary antibody incubation: diluted in TBST at 1/2000. Incubate 37°C for 1 hour. Then, in 0.05% TBST, wash membrane 3-4 times for 10min.

ECL development.

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