

Anti-Fibroblast activation protein, alpha antibody ab53066

★★★★★ [13 Abreviews](#) [116 References](#) [2 图像](#)

概述

产品名称	Anti-Fibroblast activation蛋白, alpha抗体
描述	兔多克隆抗体to Fibroblast activation蛋白, alpha
宿主	Rabbit
特异性	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.
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: 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)
阳性对照	Human breast carcinoma tissue and LOVO cell extracts.
常规说明	<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>

性能

形式	Liquid
存放说明	Store at -20°C. Stable for 12 months at -20°C
存储溶液	<p>pH: 7</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 50% Glycerol, 0.87% Sodium chloride, PBS</p> <p>Without Mg+2 and Ca+2</p>
纯度	Immunogen affinity purified
纯化说明	ab53066 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

	specific immunogen.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab53066于以下的经测试应用

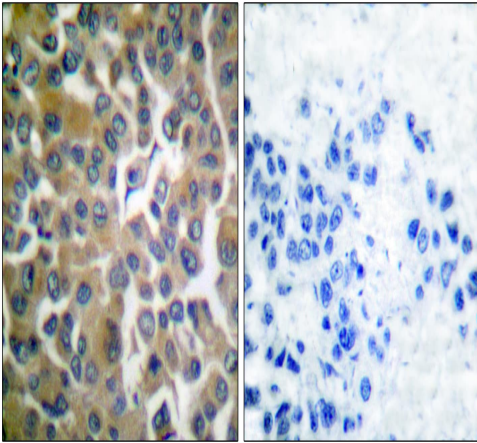
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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

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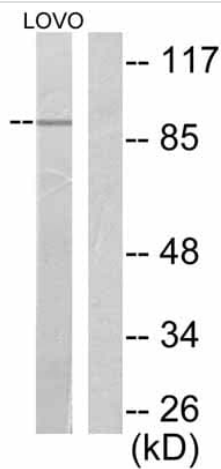
功能	In association with DPP4 is involved in the pericellular proteolysis of the extracellular matrix (ECM), the migration and invasion of endothelial cells into the ECM. May have a role in tissue remodeling during development and wound healing, and may contribute to invasiveness in malignant cancers.
组织特异性	Fibroblast specific.
序列相似性	Belongs to the peptidase S9B family.
翻译后修饰	N-glycosylated. The N-terminus may be blocked.
细胞定位	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.

图片



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.

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

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