

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-FBLIM1



Numéro de catalogue: 13349-1-AP

1 Publications

Informations de base

Numéro de catalogue: 13349-1-AP	Numéro d'acquisition GenBank: BC019895	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 650 µg/ml by Nanodrop and 553 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 54751	Dilutions recommandées: IHC 1:20-1:200
Hôte: Lapin	Nom complet: filamin binding LIM protein 1	
Isotype: IgG	MW calculé: 373 aa, 41 kDa	
Immunogen Catalog Number: AG3907	MW observés: 45-48 kDa	

Applications

Applications testées: IHC, ELISA	Contrôles positifs: IHC : tissu de cancer du poumon humain,
Demandes citées: IF	
Spécificité de l'espèce: Humain	
Espèces citées: Humain	
Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.	

Informations générales

FBLIM1, also known as CAL, Mig-2-interacting protein or Migfilin, is a cytoplasmic protein that belongs to the LIM superfamily. FBLIM1 is a protein found in cell-cell and cell-ECM connections where it co-localizes with FLNA/C and FLNB. FBLIM1 was found to bind directly to FLNA/C and to be an important regulator of cell shape and motility. FBLIM1 exerts its influence on cellular functions by interacting with various binding partners; FLN via its N-terminal domain, VASP and Src via its proline-rich region, and kindlin-2 and the cardiac transcription factor, CSX/NKX2-5 via its C-terminal LIM domains. Three isoforms exist for FBLIM1 due to alternative splicing events, namely FBLP-1A, FBLP-1 and FBLP-1B. FBLIM1 serves as an anchoring site for cell-ECM adhesion proteins and filamin-containing actin filaments. It is associated with actin stress fiber at cell-ECM focal adhesion sites. FBLP-1A and FBLP-1B are recruited and localized at actin stress fibers and clustered at cell-ECM adhesion sites through interaction with PLEKHC1. FBLP-1 is localized at actin stress fibers. FBLIM1 is implicated in cell shape modulation (spreading) and motility. FBLIM1 participate in the regulation of filamin-mediated cross-linking and stabilization of actin filaments. It may also regulate the assembly of filamin-containing signaling complexes that control actin assembly. In addition, FBLIM1 is capable of translocating to the nucleus and regulating gene expression. This antibody is a rabbit polyclonal antibody raised against full length human FBLIM1 antigen.

Publications notables

Autrice	Pubmed ID	Journal	Application
Bandyopadhyay Aditi A	22328497	J Cell Sci	IF

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

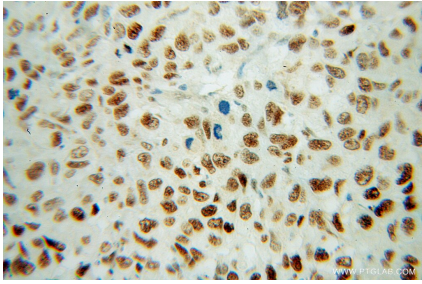
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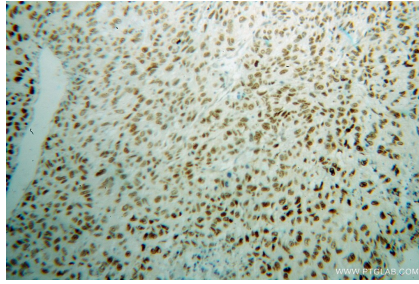
E: proteintech@ptglab.com
W: ptglab.com

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Données de validation sélectionnées



Immunohistochemical analysis of paraffin-embedded human lung cancer using 13349-1-AP (FBLIM1 antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer using 13349-1-AP (FBLIM1 antibody) at dilution of 1:100 (under 10x lens).