

Allgemeine Informationen

Katalog-Nr.: 13349-1-AP	GenBank-Zugangsnummer: BC019895	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 650 µg/ml von Nanodrop und 553 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 54751	Empfohlene Verdünnungen: IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: filamin binding LIM protein 1	
Isotyp: IgG	Berechnete Masse: 373 aa, 41 kDa	
Immunogen Katalognummer: AG3907	Beobachtete Masse: 45-48 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, ELISA	Positivkontrollen: IHC : humanes Lungenkarzinomgewebe,
In Publikationen genannte Anwendungen: IF	
Getestete Reaktivität: Human	
Zitierte Arten: Human	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Bandyopadhyay Aditi A	22328497	J Cell Sci	IF

Lagerung

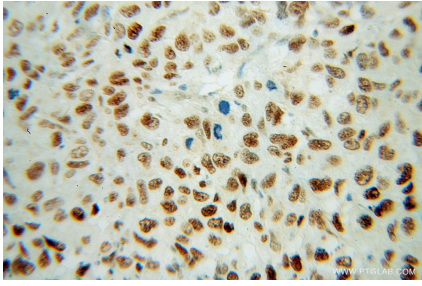
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
 Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

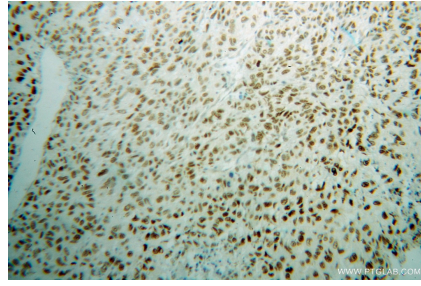
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



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).