

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-BPIL1



Numéro de catalogue: 13461-2-AP

3 Publications

Informations de base

Numéro de catalogue: 13461-2-AP	Numéro d'acquisition GenBank: BC034415	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 600 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 80341	Dilutions recommandées: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:20-1:200
Hôte: Lapin	Nom complet: bactericidal/permeability-increasing protein-like 1	
Isotype: IgG	MW calculé: 458 aa, 49 kDa	
Immunogen Catalog Number: AG4051	MW observés: 49 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC, WB

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.

Contrôles positifs:

WB : cellules A549,

IHC : tissu de cancer du poumon humain, tissu d'amygdalite humaine

IF : cellules A549,

Informations générales

Bactericidal/permeability-increasing protein-like 1 (BPIL1, also known as LPLUNC2 or BPIFB2) is a member of the lipid transfer (LT)/lipopolysaccharide binding protein (LBP) family. LT/LBP proteins are structurally related proteins capable of binding phospholipids and lipopolysaccharides (PMID: 12185532). The gene of BPIL1 maps to Chromosome 20q11, and encodes a 458-amino acid protein with a calculated molecular weight of 49 kDa. It is highly expressed in hypertrophic tonsils. BPIL1 has been identified as a nasal mucous protein which may be involved in immune response in the nose against microbial infections (PMID: 15996010). Reduced expression of antimicrobial PLUNC proteins (LPLUNC1 and LPLUNC2) has been reported in nasal polyp tissues of patients with chronic rhinosinusitis (PMID: 22676062).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yanran Huang	33506054	J Immunol Res	IHC
Foster Matthew W MW	23550723	J Proteome Res	WB
Seshadri S S	22676062	Allergy	WB, IHC

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.

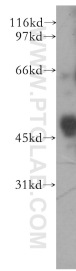
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

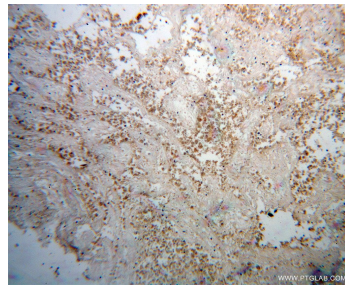
E: proteintech@ptglab.com
W: ptglab.com

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

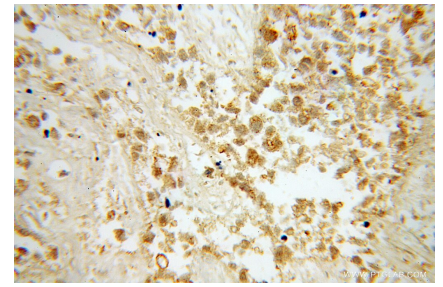
Données de validation sélectionnées



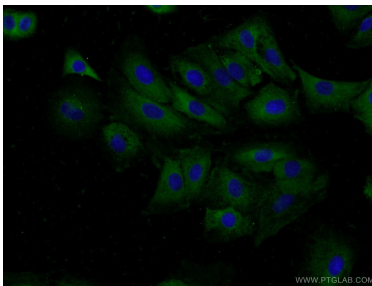
A549 cells were subjected to SDS PAGE followed by western blot with 13461-2-AP (BPII1 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer using 13461-2-AP (BPII1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer using 13461-2-AP (BPII1 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of A549 cells using 13461-2-AP (BPII1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).