

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Stomatin



Numéro de catalogue: 12046-1-AP

3 Publications

Informations de base

Numéro de catalogue:
12046-1-AP

Taille:
150ul, Concentration: 750 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2676

Numéro d'acquisition GenBank:
BC010703

Identification du gène (NCBI):
2040

Nom complet:
stomatin

MW calculé:
288 aa, 32 kDa

MW observés:
32 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IHC 1:50-1:500
IF 1:10-1:100

Applications

Applications testées:
IF, IHC, IP, 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 HeLa, cellules A549, cellules K-562, tissu hépatique humain, tissu pulmonaire humain

IP : cellules HeLa,

IHC : tissu de cancer du poumon humain,

IF : cellules A549,

Informations générales

STOM, also named as BND7, EPB72, Stomatin and Protein 7.2b, belongs to the band 7/mec-2 family. It is thought to regulate cation conductance. STOM may regulate ACCN1 and ACCN3 gating. STOM is a membrane protein involved in regulation of monovalent cation transport through lipid membranes. Interestingly, STOM (which has a structure similar to caveolin) is a major lipid-raft component of erythrocytes. It may have a role in membrane microdomains modulation leading to membrane budding and MPs release.(PMID:19138258)

Publications notables

Autrice	Pubmed ID	Journal	Application
Yashuang Yang	36385596	Front Med	WB
Rubin O O	19138258	Vox Sang	WB
Huaying An	31949395	Chin J Cancer Res	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.

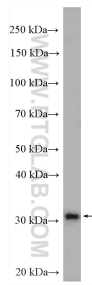
For technical support and original validation data for this product please contact:

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

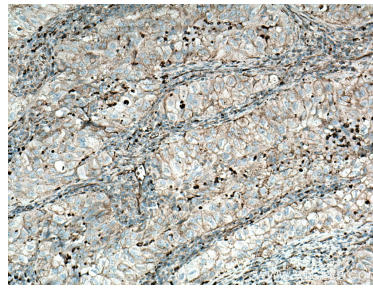
E: proteintech@ptglab.com
W: ptglab.com

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

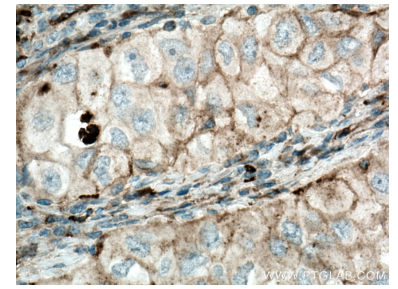
Données de validation sélectionnées



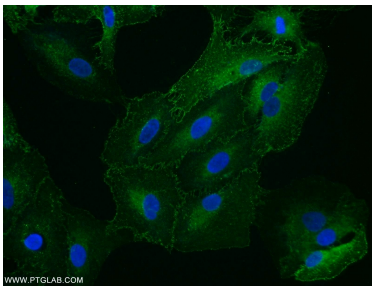
HeLa cells were subjected to SDS PAGE followed by western blot with 12046-1-AP (Stomatin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



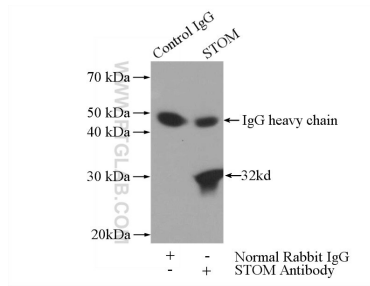
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12046-1-AP (Stomatin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12046-1-AP (Stomatin antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of A549 cells using 12046-1-AP (STOM antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-STOM (IP:12046-1-AP, 3ug; Detection:12046-1-AP 1:300) with HeLa cells lysate 2800ug.