

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SLC45A2



Numéro de catalogue: 10453-1-AP

2 Publications

Informations de base

Numéro de catalogue:
10453-1-AP

Taille:
150ul, Concentration: 600 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0699

Numéro d'acquisition GenBank:
BC003597

Identification du gène (NCBI):
51151

Nom complet:
solute carrier family 45, member 2

MW calculé
58 kDa

MW observés:
50-55 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 1:500-1:1000 for WB
IHC 1:50-1:500

Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
IF, 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 HL-60, cellules MCF-7

IP : cellules HL-60,

IHC : tissu de mélanome malin humain,

Informations générales

SLC45A2, also named as AIM1 and MATP, belongs to the glycoside-pentoside-hexuronide (GPH) cation symporter transporter (TC 2.A.2) family. It is a melanocyte differentiation antigen. SLC45A2 may transport substances required for melanin biosynthesis. (PMID:17768386,21677667) Mutation of SLC45A2 cause oculocutaneous albinism type 4 (OCA4) which is disorder of pigmentation characterized by reduced biosynthesis of melanin in the skin, hair and eyes.

Publications notables

Autrice	Pubmed ID	Journal	Application
Sitong Zhou	34722301	Front Oncol	IHC
Cullinane Andrew R AR	21677667	J Invest Dermatol	WB,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'aliquote n'est pas nécessaire pour le stockage à -20C

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

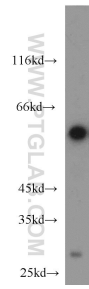
For technical support and original validation data for this product please contact:

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

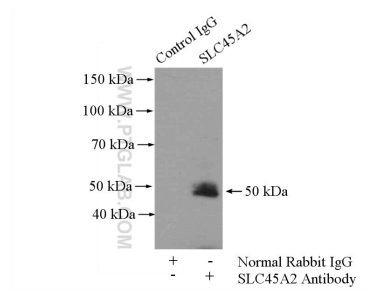
E: proteintech@ptglab.com
W: ptglab.com

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

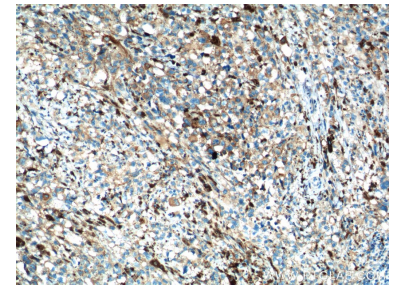
Données de validation sélectionnées



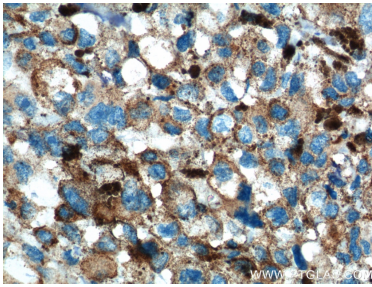
HL-60 cells were subjected to SDS PAGE followed by western blot with 10453-1-AP (SLC45A2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-SLC45A2 (IP:10453-1-AP, 4 μ g; Detection:10453-1-AP 1:500) with HL-60 cells lysate 1600 μ g.



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 10453-1-AP (SLC45A2 Antibody) at dilution of 1:400 (under 10 \times lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 10453-1-AP (SLC45A2 Antibody) at dilution of 1:400 (under 40 \times lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).