

À des fins de recherche uniquement

Anticorps Monoclonal anti-STOML2

Numéro de catalogue: 60052-1-Ig

Phare

8 Publications



Informations de base

Numéro de catalogue:

60052-1-Ig

Numéro d'acquisition GenBank:

BC002442

Méthode de purification:

Purification par protéine A

Taille:

150ul, Concentration: 1600 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

30968

CloneNo.:

1A2E9

Hôte:

Mouse

Nom complet:

stomatin (EPB72)-like 2

Dilutions recommandées:

WB 1:5000-1:20000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:500-1:2000

Isotype:

IgG2b

MW calculé

356 aa, 39 kDa

MW observés:

39 kDa

Immunogen Catalog Number:

AG0363

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

Humain, souris

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 : tissu cérébral de porc, cellules HepG2, cellules MCF-7, cellules RAW 264.7

IP : tissu cérébral de souris,

IHC : tissu de cancer de l'estomac humain, tissu de cancer de l'endomètre humain

Informations générales

Human stomatin (band 7.2b) is a 31-kDa erythrocyte membrane protein of unknown function but implicated in the control of ion channel permeability, mechanoreception, and lipid domain organization. Stomatin (EPB72)-like 2 (STOML2, synonyms: SLP-2, HSPC108) is a 38.5-kDa protein that is overall approximately 20% similar to human stomatin. STOML2 is also present in mature human erythrocytes, but lacks a characteristic NH₂-terminal hydrophobic domain found in other stomatin homologues. STOML2 may link stomatin or other integral membrane proteins to the peripheral cytoskeleton and thereby play a role in regulating ion channel conductances or the organization of sphingolipid and cholesterol-rich lipid rafts.

Publications notables

Autrice	Pubmed ID	Journal	Application
Cheng-Ta Yang	29556045	Cell Death Dis	WB
Jingjing Zhang	30944651	Oncol Lett	IHC
Chongshu Jian	28630166	J Cell Sci	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et glycérol à 50 % pH 7,3

L'aliquoteage n'est pas nécessaire pour le stockage à -20C

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

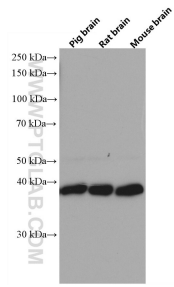
For technical support and original validation data for this product please contact:

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

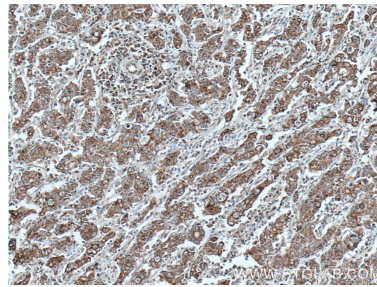
E: proteintech@ptglab.com
W: ptglab.com

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

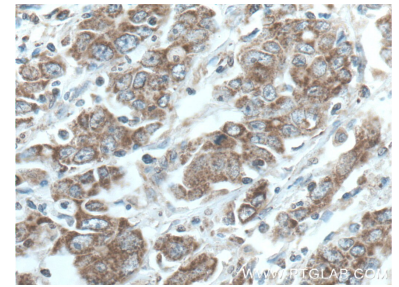
Données de validation sélectionnées



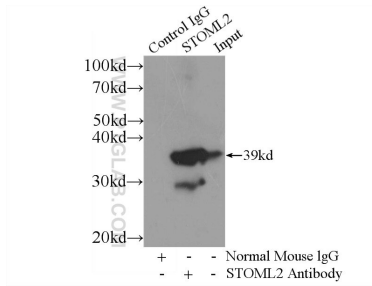
Pig, rat, and mouse brain tissues were subjected to SDS PAGE followed by western blot with 60052-1-Ig (STOML2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 60052-1-Ig (STOML2 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 60052-1-Ig (STOML2 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-STOML2 (IP:60052-1-Ig, 4ug; Detection:60052-1-Ig 1:1000) with mouse brain tissue lysate 4000ug.