

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PRPSAP2



Numéro de catalogue: 17814-1-AP

Informations de base

Numéro de catalogue: 17814-1-AP	Numéro d'acquisition GenBank: BC106050	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 700 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5636	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:20-1:200 IF 1:10-1:100
Hôte: Lapin	Nom complet: phosphoribosyl pyrophosphate synthetase-associated protein 2	
Isotype: IgG	MW calculé: 369 aa, 41 kDa	
Immunogen Catalog Number: AG12132	MW observés: 37-41 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules BxPC-3, cellules HeLa, tissu cérébral de rat, tissu cérébral de souris

IHC : tissu pancréatique humain,

IF : cellules BxPC-3,

Informations générales

PRPSAP2, also named as PAP41, is 369 amino acid protein, which seems to play a negative regulatory role in 5-phosphoribose 1-diphosphate synthesis. PRPSAP2 is another protein involved in nucleic acid metabolism. The PRPSAP2 gene encodes part of the enzyme PRPP synthetase, which catalyzes the formation of phosphoribosylpyrophosphate, being a primary substrate for newly formed purine and pyrimidine nucleotides. Depletion of the PRPP synthetase causes growth arrest, the reverse has not been shown. Overexpression of SHMT1 and PRPSAP2 (and also COPS3) has been reported to occur in multiple myelomas. PRPSAP2 exists several isoforms with the range of molecular weight about 35-43 kDa.

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.

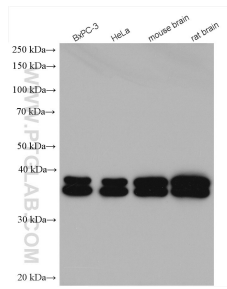
For technical support and original validation data for this product please contact:

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

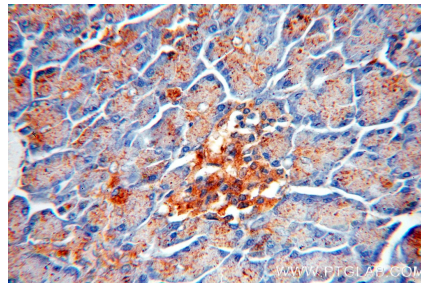
E: proteintech@ptglab.com
W: ptglab.com

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

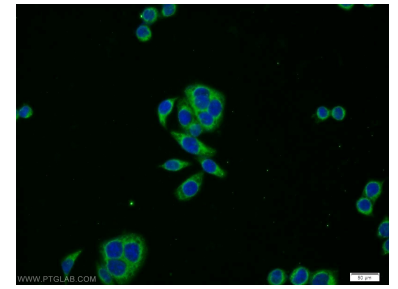
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 17814-1-AP (PRPSAP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas using 17814-1-AP (PRPSAP2 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of BxPC-3 cells using 17814-1-AP (PRPSAP2 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).