

À des fins de recherche uniquement

# Anticorps Monoclonal anti-IA-2/PTPRN



Numéro de catalogue: 66045-1-Ig

## Informations de base

Numéro de catalogue: 66045-1-Ig	Numéro d'acquisition GenBank: BC007713	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2500 µg/ml by Nanodrop and 1480 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5798	CloneNo.: 1D3F5
Hôte: Mouse	Nom complet: protein tyrosine phosphatase, receptor type, N	Dilutions recommandées: WB 1:500-1:1000 IHC 1:200-1:800 IF 1:10-1:100
Isotype: IgG3	MW calculé: 105 kDa	
Immunogen Catalog Number: AG17909	MW observés: 60-65 kDa, 106-115 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Spécificité de l'espèce:

Humain

**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 : cerveau humain, tissu

IHC : tissu de cancer du pancréas humain, tissu cérébral humain

IF : cellules HepG2,

## Informations générales

IA-2/PTPRN is a member of the protein tyrosine phosphatase (PTP) family, which contains a transmembrane region, an intracellular PTP-like domain and an extracellular N-terminus. Experiments found that IA-2/PTPRN localizes to secretory granules and is exclusively expressed in neuroendocrine cells (including pancreatic islets cell). IA-2/PTPRN was found to be a major autoantigen in insulin-dependent diabetes mellitus and the detection of autoantibodies against IA-2/PTPRN is commonly used as a diabetes diagnosis marker.

## 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.

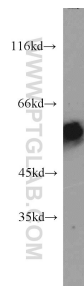
For technical support and original validation data for this product please contact:

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

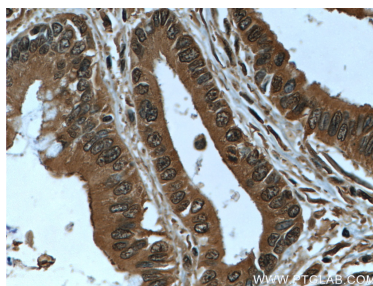
E: proteintech@ptglab.com  
W: ptglab.com

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

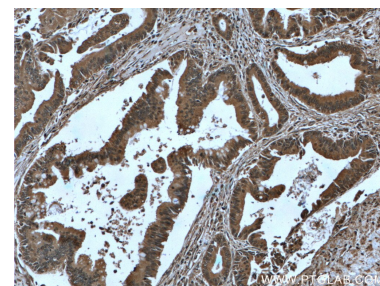
## Données de validation sélectionnées



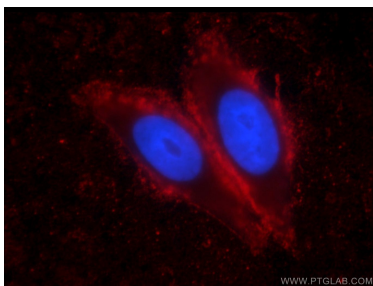
human brain tissue were subjected to SDS PAGE followed by western blot with 66045-1-Ig (IA-2/PTPRN antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 66045-1-Ig (IA-2/PTPRN antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 66045-1-Ig (IA-2/PTPRN antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 66045-1-Ig (IA-2/PTPRN antibody) at dilution of 1:25 and Rhodamine-Goat anti-Mouse IgG.