

Nur für Forschungszwecke

IA-2/PTPRN Monoklonaler Antikörper



Katalog-Nr.:66045-1-Ig

Allgemeine Informationen

Katalog-Nr.: 66045-1-Ig	GenBank-Zugangsnummer: BC007713	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 2500 µg/ml von5798 Nanodrop und 1480 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 1D3F5	CloneNo.: 1D3F5
Wirt: Maus	Vollständiger Name: protein tyrosine phosphatase, receptor type, N	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:200-1:800 IF 1:10-1:100
Isotyp: IgG3	Berechnete Masse: 105 kDa	
Immunogen Katalognummer: AG17909	Beobachtete Masse: 60-65 kDa, 106-115 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : Human brain, Gewebe
Getestete Reaktivität: Human	IHC : humanes Pankreaskarzinomgewebe, humanes Hirngewebe
Hinweis-IHC: Antigenmaskierung mit TE- Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IF : HepG2-Zellen,

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

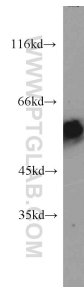
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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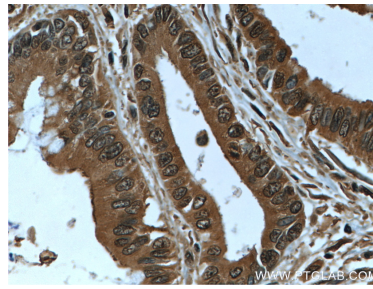
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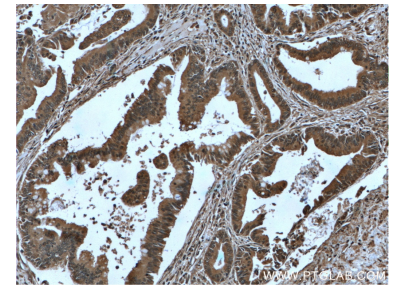
Ausgewählte Validierungsdaten



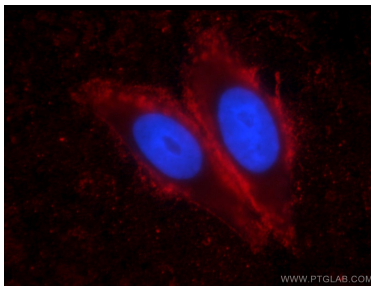
human brain tissue were subjected to SDS PAGE followed by western blot with 66045-1-Ig (IA-2/PTPRN antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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.