

Allgemeine Informationen

Katalog-Nr.: Biotin-60293	GenBank-Zugangsnummer: BC013876	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul, Konzentration: 1000 µg/ml von 10133 Nanodrop;	GeneID (NCBI): 10133	CloneNo.: 6C1H4
Wirt: Maus	Vollständiger Name: optineurin	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 66 kDa	
Immunogen Katalognummer: AG1272	Beobachtete Masse: 70-74 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB	Positivkontrollen: WB : human brain, IHC : humanes Pankreaskarzinomgewebe,
Getestete Reaktivität: Human	

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

OPTN, also named as FIP2, GLC1E, HIP7, HYPL and NRP, plays a neuroprotective role in the eye and optic nerve. It is probably part of the TNF-alpha signaling pathway that can shift the equilibrium toward induction of cell death. OPTN may act by regulating membrane trafficking and cellular morphogenesis via a complex that contains Rab8 and huntingtin (HD). OPTN may constitute a cellular target for adenovirus E3 14.7, an inhibitor of TNF-alpha functions, thereby affecting cell death. Defects in OPTN are the cause of primary open angle glaucoma type 1E (GLC1E). Defects in OPTN are a cause of susceptibility to normal pressure glaucoma (NPG). OPTN mutated in adult-onset primary open angle glaucoma. It supports the protective role of OPTN in the trabecular meshwork. This antibody is conjugated with Biotin.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

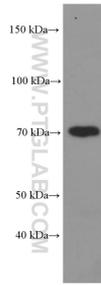
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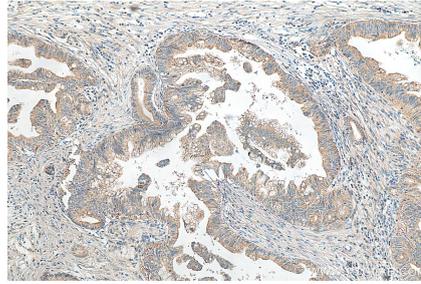
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Fetal human brain was subjected to SDS-PAGE followed by western blot with Biotin-60293 (biotin labeled OPTN monoclonal antibody) at dilution of 1:1000. Avidin-HRP was used instead of secondary antibody.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using Biotin-60293 (OPTN antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).