

Nur für Forschungszwecke

# OPTN Polyklonaler Antikörper

Katalog-Nr.:CL647-10837

Vorgestelltes Produkt



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL647-10837	<b>GenBank-Zugangsnummer:</b> BC013876	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von10133	<b>GeneID (NCBI):</b> von10133	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 654 nm / 674 nm
<b>Nanodrop;</b>	<b>Vollständiger Name:</b> optineurin	
<b>Wirt:</b> Kaninchen	<b>Berechnete Masse:</b> 66 kDa	
<b>Isotyp:</b> IgG	<b>Beobachtete Masse:</b> 66 kDa, 70-74 kDa	
<b>Immunogen Katalognummer:</b> AG1272		

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human, Maus, Ratte

## 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 hungtingin (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. OPTN has 3 isoforms with MW 66,65 and 60 kDa (refer to UniProt). Catalog#10837-1-AP recognises 66 and 70-74 kDa band, and the additional 70-74 kDa band due to phosphorylation.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen.

**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

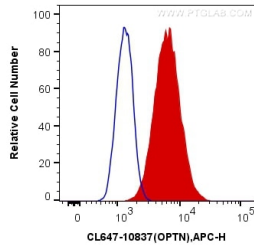
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

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)  
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W: ptglab.com

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

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human OPTN (CL647-10837) (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).