

## OPTN Antibody

Catalog No: #32466

Package Size: #32466-1 50ul #32466-2 100ul

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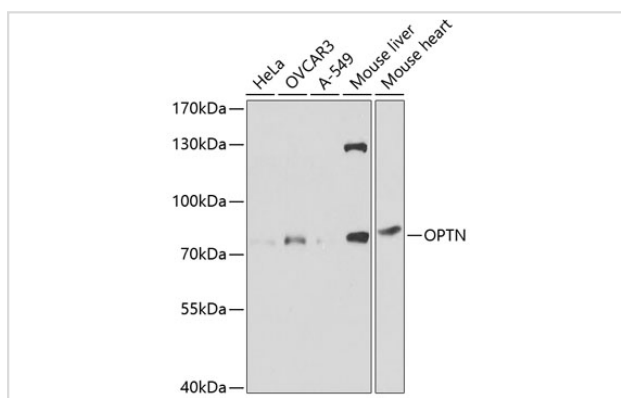
## Description

Product Name	OPTN Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total OPTN protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human OPTN (NP_068815.2).
Target Name	OPTN
Other Names	OPTN;ALS12;FIP2;GLC1E;HIP7;HYPL;NRP;TFIIIA-INTP
Accession No.	Uniprot:Q96CV9GeneID:10133
SDS-PAGE MW	78kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

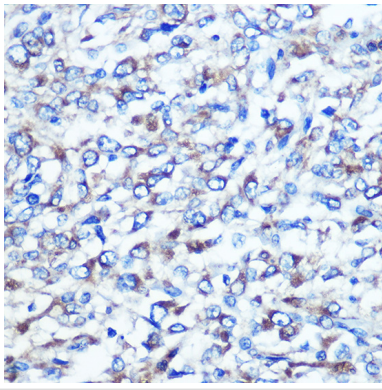
## Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200

## Images



Western blot analysis of extracts of various cell lines, using OPTN antibody.



Immunohistochemistry of paraffin-embedded human liver cancer using OPTN Rabbit pAb.

## Background

This gene encodes the coiled-coil containing protein optineurin. Optineurin may play a role in normal-tension glaucoma and adult-onset primary open angle glaucoma. Optineurin interacts with adenovirus E3-14.7K protein and may utilize tumor necrosis factor-alpha or Fas-ligand pathways to mediate apoptosis, inflammation or vasoconstriction. Optineurin may also function in cellular morphogenesis and membrane trafficking, vesicle trafficking, and transcription activation through its interactions with the RAB8, huntingtin, and transcription factor IIIA proteins. Alternative splicing results in multiple transcript variants encoding the same protein.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.