

OPTN

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:66kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human OPTN

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

NRP; FIP2; HIP7; HYPL; ALS12; GLC1E; TFIIIA-INTP;

Catalog #:A1845

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:10133

Isotype:IgG

Swiss Prot:Q96CV9

Purity:Affinity purification

For research use only.

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.

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