

## Anti-Optineurin Antibody (3K110)

## Product Details

Ig Type:	Mouse IgG2b
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3K110
Purification:	Protein A

## Applications

Application:	ELISA
Recommended	ELISA: 1:1000-1:2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human Optineurin / OPTN Protein (TMPY-03501)
Antigen Species:	Human
Synonyms:	FIP2;ALS12;HYPL;optineurin;NRP;GLC1E;HIP7;TFIIIA-INTP

## Research Background

OPTN (Optineurin) is a Protein Coding gene. The Optineurin gene encodes the coiled-coil containing protein optineurin. Optineurin is a multifunctional adaptor protein intimately involved in various vesicular trafficking pathways. Through interactions with an array of proteins, such as myosin VI, huntingtin, Rab8, and Tank-binding kinase 1, as well as via its oligomerization, optineurin can act as an adaptor, scaffold, or signal regulator to coordinate many cellular processes associated with the trafficking of membrane-delivered cargo. It is widely expressed in fat, adrenal, and other tissues. Certain mutations in OPTN (gene OPTN) are associated with primary open-angle glaucoma, a leading cause of irreversible blindness, and amyotrophic lateral sclerosis, a fatal motor neuron disease.

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