

Optineurin Rabbit pAb

CatalogNo: YT8067

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 65kD, 42kD (Observed)

Isotype

- IgG

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Recommended Dilution Ratios

WB 1:500-2000

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human OPTN. AA range:163-233

Specificity This antibody detects endogenous levels of OPTN at Human, Mouse, Rat

| Target Information

Gene name OPTN FIP2 GLC1E HIP7 HYPL NRP

Protein Name	OPTN		
	Organism	Gene ID	UniProt ID
	Human	10133;	Q96CV9;
	Mouse	71648;	Q8K3K8;
	Rat	246294;	Q8R5M4;
Cellular Localization	Cytoplasm , perinuclear region. Golgi apparatus . Golgi apparatus , trans-Golgi network. Cytoplasmic vesicle , autophagosome. Cytoplasmic vesicle. Recycling endosome. Found in the perinuclear region and associates with the Golgi apparatus (PubMed:27534431) . Colocalizes with MYO6 and RAB8 at the Golgi complex and in vesicular structures close to the plasma membrane. Localizes to LC3-positive cytoplasmic vesicles upon induction of autophagy. .		
Tissue specificity	Present in aqueous humor of the eye (at protein level) . Highly expressed in trabecular meshwork. Expressed nonpigmented ciliary epithelium , retina , brain , adrenal cortex , fetus , lymphocyte , fibroblast , skeletal muscle , heart , liver , brain and placenta.		

| Validation Data

| Contact information

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