



Catalog: OM286876

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OPTN Antibody

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☐ 20ul ☐ 50ul ☐ 100ul

Product profile

Product name	OPTN Antibody
Antibody Type	Primary Antibodies
Product description	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. 1) McDonald, K.K., et al. J. Hum. Genet. 55(10):697-700(2010)
Immunogen	This OPTN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 71-96 amino acids from the Central region of human OPTN.

Key Feature

Clonality	Polyclonal
Isotype	Ig
Host Species	Rabbit
Tested Application	WB
For WB starting dilution is: 1:1000:	
Species Reactivity	Human
Concentration	1mg/ml
Purification	Affinity purified

Target Information

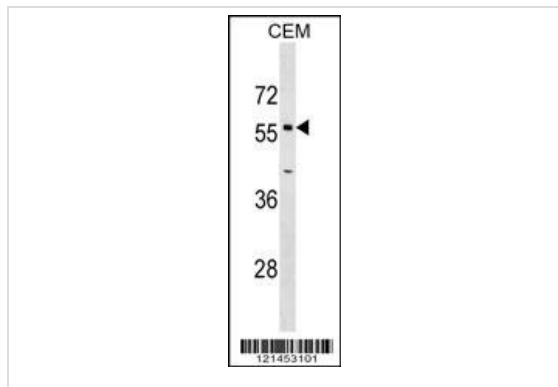
Gene Symbol	OPTN
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Alternative Names	Optineurin
	E3-147K-interacting protein
	FIP-2
	Huntingtin yeast partner L
	Huntingtin-interacting protein 7
	HIP-7
	Huntingtin-interacting protein L
	NEMO-related protein
	Optic neuropathy-inducing protein
	Transcription factor IIIA-interacting protein
T	
Molecular Weight(MW)	66 kDa
Sequence Similarities	Predicted species reactivity based on immunogen sequence: Rat

Database Links

Entrez Gene	10133
Protein Accession	Q96CV9

Application



Application

Western blot analysis in CEM cell line lysates (35ug/lane).

Application Notes	For WB starting dilution is: 1:1000:
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Additional Information

Form	Liquid
Storage Instructions	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Storage Buffer	Supplied in PBS with 0.09% (W/V) sodium azide.

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt