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Datasheet for ABIN7435085
anti-OPTN antibody (AA 1-300)

4 Images

Overview

Quantity:	100 µL
Target:	OPTN
Binding Specificity:	AA 1-300
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPTN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Optineurin (OPTN)
Immunogen:	Recombinant Optineurin (OPTN) corresponding to Met1~Ser300 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against OPTN. It has been selected for its ability to recognize OPTN in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

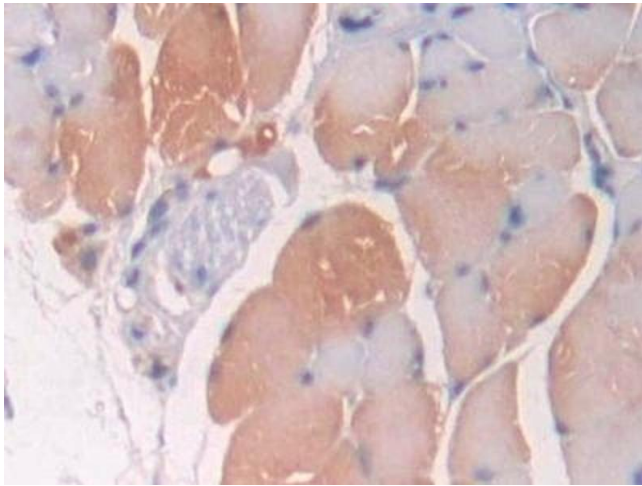
Target:	OPTN
Alternative Name:	Optineurin (OPTN Products)
Background:	NRP, FIP2, GLC1E, HIP7, HYPL, TFIIIA-INTP, Glaucoma 1, Open Angle, E(Adult-Onset), Huntingtin-interacting protein 7, Optic neuropathy-inducing protein, E3-14.7K-interacting protein
Pathways:	M Phase

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

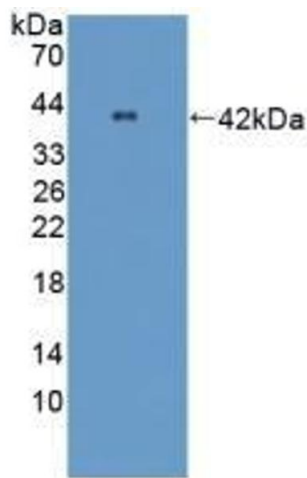
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



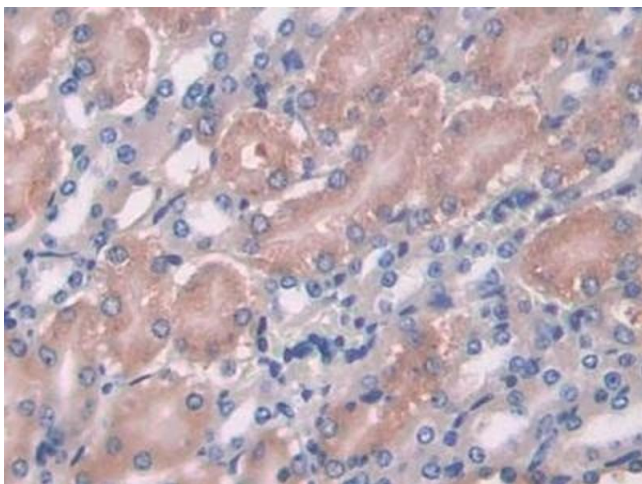
Immunohistochemistry

Image 1. Detection of OPTN in Mouse Skeletal muscle Tissue using Polyclonal Antibody to Optineurin (OPTN)



Western Blotting

Image 2. Detection of Recombinant OPTN, Mouse using Polyclonal Antibody to Optineurin (OPTN)



Immunohistochemistry

Image 3. Detection of OPTN in Mouse Kidney Tissue using Polyclonal Antibody to Optineurin (OPTN)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7435085.