Datasheet for ABIN7130502

anti-OPTN antibody

2 Images

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Overview

Quantity:	100 µL
Target:	OPTN
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPTN antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Fusion protein of Human OPTN
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

Target Details

Target:	OPTN
Alternative Name:	OPTN (OPTN Products)
Background:	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.

Target Details

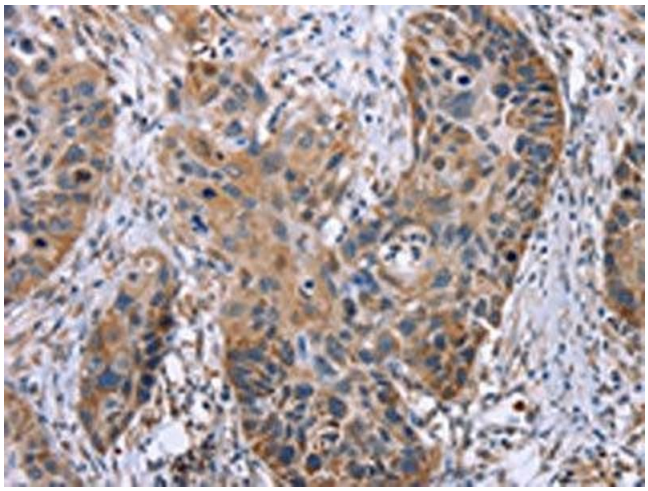
	Optineurin may also function in cellular morphogenesis and membrane trafficking, vesicle trafficking, and transcription activation through its interactions with the RAB8, huntingtin, and transcription factor IIIA proteins. Aliases: 14.7K interacting protein antibody, Ag9 C5 antibody, ALS12 antibody, E3 14.7K interacting protein antibody, E3-14.7K-interacting protein antibody, FIP 2 antibody, FIP-2 antibody, FIP2 antibody, Glaucoma 1 open angle E (adult onset) antibody, Glaucoma 1 open angle E antibody, GLC1E antibody, HIP 7 antibody, HIP-7 antibody, HIP7 antibody, Huntingtin interacting protein 7 antibody, Huntingtin interacting protein HYPL antibody, Huntingtin interacting protein L antibody, Huntingtin yeast partner L antibody, Huntingtin-interacting protein 7 antibody, Huntingtin-interacting protein L antibody, HYPL antibody, Injury inducible protein I 55 antibody, NEMO related protein antibody, NEMO-related protein antibody, NRP antibody, Optic neuropathy inducing protein antibody, Optic neuropathy-inducing protein antibody, Optineurin antibody, OPTN antibody, OPTN_HUMAN antibody, TFIIIA IntP antibody, TFIIIA-IntP antibody, Transcription factor IIIA interacting protein antibody, Transcription factor IIIA-interacting protein antibody, Tumor necrosis factor alpha inducible cellular protein containing leucine zipper domains antibody
UniProt:	Q96CV9
Pathways:	M Phase

Application Details

Application Notes:	ELISA:1:1000-1:2000, IHC:1:25-1:100,
Restrictions:	For Research Use only

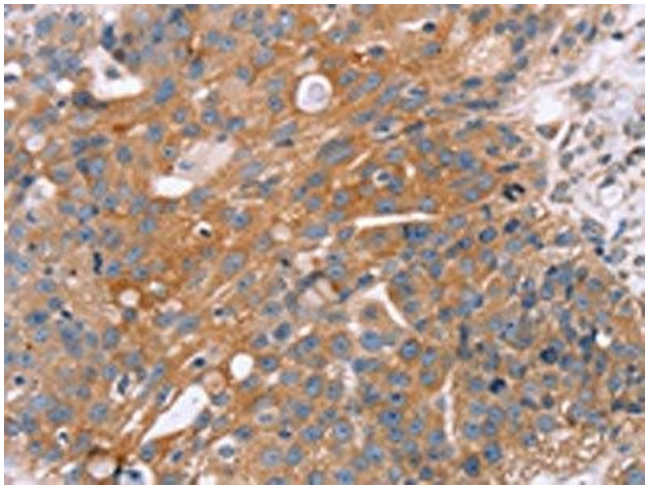
Handling

Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ABIN7130502(OPTN Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: x200)



Immunohistochemistry

Image 2. The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ABIN7130502(OPTN Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: x200)

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