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Datasheet for ABIN7151998

anti-ERLIN2 antibody (AA 25-206)

2 Images

Overview

Quantity:	100 µg
Target:	ERLIN2
Binding Specificity:	AA 25-206
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERLIN2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Erlin-2 protein (25-206AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ERLIN2
Alternative Name:	ERLIN2 (ERLIN2 Products)
Background:	Background: Component of the ERLIN1/ERLIN2 complex which mediates the endoplasmic reticulum-associated degradation (ERAD) of inositol 1,4,5-trisphosphate receptors (IP3Rs) such

Target Details

as ITPR1 (PubMed:19240031, PubMed:17502376). Promotes sterol-accelerated ERAD of HMGCR probably implicating an AMFR/gp78-containing ubiquitin ligase complex (PubMed:21343306). Involved in regulation of cellular cholesterol homeostasis by regulation the SREBP signaling pathway. May promote ER retention of the SCAP-SREBF complex (PubMed:24217618).

Aliases: C8orf2 antibody, Chromosome 8 open reading frame 2 antibody, Endoplasmic reticulum lipid raft associated protein 2 antibody, Endoplasmic reticulum lipid raft-associated protein 2 antibody, ER lipid raft associated 2 antibody, ERLIN 2 antibody, Erlin-2 antibody, ERLIN2 antibody, ERLN2_HUMAN antibody, HGNC:1356 antibody, MGC87072 antibody, NET32 antibody, SPFH 2 antibody, SPFH domain containing protein 2 antibody, SPFH domain family member 2 antibody, SPFH domain-containing protein 2 antibody, SPFH2 antibody, SPG18 antibody, Stomatin prohibitin flotillin HflC/K domain containing protein 2 antibody, Stomatin-prohibitin-flotillin-HflC/K domain-containing protein 2 antibody

UniProt: [O94905](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

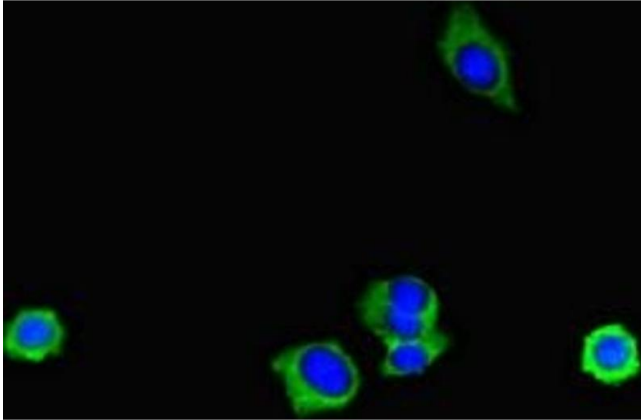
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

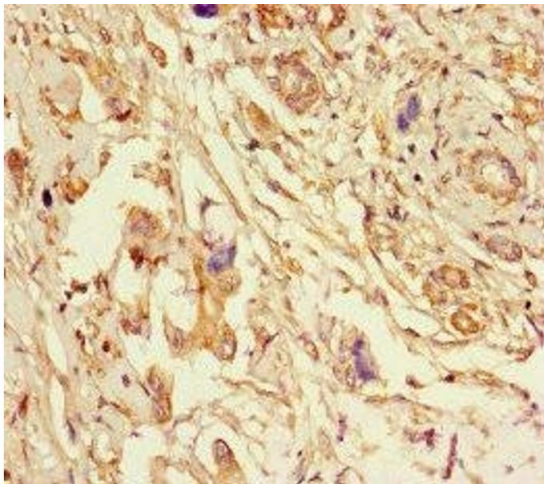
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7151998 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human pancreatic cancer using ABIN7151998 at dilution of 1:100