Datasheet for ABIN7167140

anti-RASSF7 antibody (AA 300-368)

2 Images

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Overview

Quantity:	100 µg
Target:	RASSF7
Binding Specificity:	AA 300-368
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASSF7 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Ras association domain-containing protein 7 protein (300-368AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	RASSF7
Alternative Name:	RASSF7 (RASSF7 Products)
Background:	Background: Negatively regulates stress-induced JNK activation and apoptosis by promoting MAP2K7 phosphorylation and inhibiting its ability to activate JNK. Following prolonged stress,

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Target Details

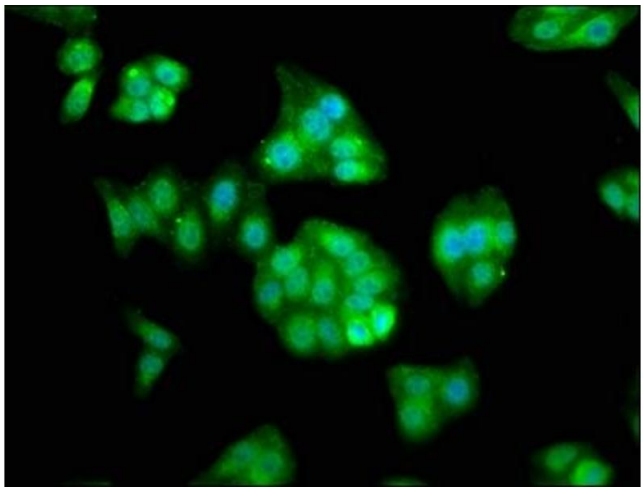
	anti-apoptotic effect stops because of degradation of RASSF7 protein via the ubiquitin-proteasome pathway. Required for the activation of AURKB and chromosomal congression during mitosis where it stimulates microtubule polymerization. Aliases: C11orf13 antibody, Chromosome 11 open reading frame 13 antibody, HRAS1 antibody, HRAS1 related cluster 1 antibody, HRAS1 related cluster protein 1 antibody, HRAS1-related cluster protein 1 antibody, HRC1 antibody, MGC126069 antibody, MGC126070 antibody, Ras association (RalGDS/AF 6) domain family (N terminal) member 7 antibody, Ras association (RalGDS/AF 6) domain family 7 antibody, Ras association domain containing protein 7 antibody, Ras association domain-containing protein 7 antibody, RASF7_HUMAN antibody, RASSF 7 antibody, RASSF7 antibody
UniProt:	Q02833

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,
Restrictions:	For Research Use only

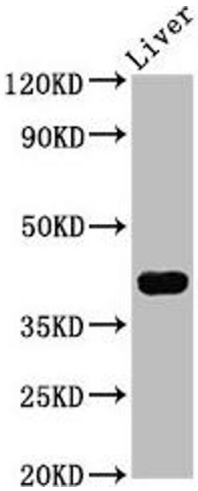
Handling

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. Immunofluorescence staining of HepG2 cells with ABIN7167140 at 1:133, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse liver tissue All lanes: RASSF7 antibody at 4.3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 40, 37, 35 kDa Observed band size: 40 kDa

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