Datasheet for ABIN872758

anti-FIP200 antibody (AA 501-600)

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Overview

Quantity:	100 µL
Target:	FIP200 (RB1CC1)
Binding Specificity:	AA 501-600
Reactivity:	Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FIP200 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RB1CC1
Isotype:	IgG
Cross-Reactivity:	Chicken
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FIP200 (RB1CC1)

Target Details

Alternative Name:	Rb1cc1 (RB1CC1 Products)
Background:	Synonyms: CC1, ATG17, FIP200, PPP1R131, RB1-inducible coiled-coil protein 1, FAK family kinase-interacting protein of 200 kDa, RB1CC1, KIAA0203, RBICC Background: Plays a role as a modulator of TGF-beta-signaling by restricting substrate specificity of RNF111. Involved in autophagy. Regulates early events but also late events of autophagosome formation through direct interaction with Atg16L1. Required for the formation of the autophagosome-like double-membrane structure that surrounds the Salmonella-containing vacuole (SCV) duting S.typhimurium infection and subsequent xenophagy. Autophagy positively regulates repair of DNA damage induced by ionizing radiation and negatively regulates apoptosis. Plays an indispensible role in fetal hematopoiesis and in the regulation of neuronal homeostasis (By similarity). Implicated in the regulation of RB1 expression. Functions as a DNA-binding transcription factor. Is a potent regulator of the RB1 pathway and a mediator that plays a crucial role in muscular differentiation. Expression is, thus, a prerequisite for myogenic differentiation. Inhibits PTK2/FAK1 and PTK2B/PYK2 activity and activation of downstream signaling pathways.
Gene ID:	9821
UniProt:	Q8TDY2
Pathways:	Regulation of Cell Size, Autophagy

Application Details

Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

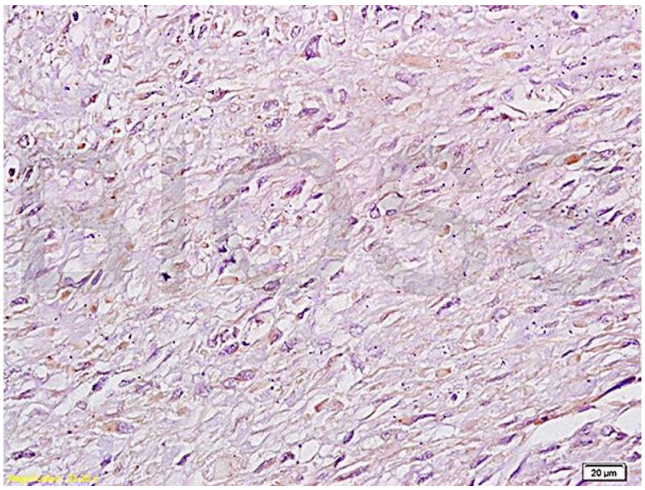
Handling

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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

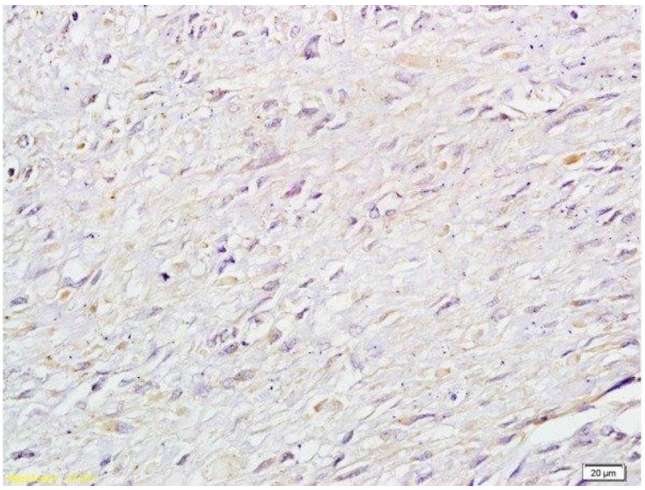
Product cited in:	Xue, Xue, Zhang, Li, Jiang: "miR-130b-3p/301b-3p negatively regulated Rb1cc1 expression on myogenic differentiation of chicken primary myoblasts." in: **Biotechnology letters**, Vol. 39, Issue 11, pp. 1611-1619, (2017) (PubMed).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin: human cervical carcinoma labeled with Anti-RB1CC1 Polyclonal Antibody (ABIN872758), Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin: human cervical carcinoma labeled with Anti-RB1CC1 Polyclonal Antibody , Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining