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Datasheet for ABIN7118327
anti-FIP200 antibody

Overview

Quantity:	100 µg
Target:	FIP200 (RB1CC1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FIP200 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	RB1-inducible coiled-coil 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	FIP200 (RB1CC1)
Alternative Name:	RB1CC1 (RB1CC1 Products)
Background:	Synonyms:CC1, DRAGOU14, FIP200, KIAA0203, RB1 inducible coiled coil 1, RB1CC1, 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

Target Details

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) during *S.typhimurium* infection and subsequent xenophagy. Autophagy positively regulates repair of DNA damage induced by ionizing radiation and negatively regulates apoptosis. Plays an indispensable 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.

Molecular Weight: 200 kDa

Gene ID: 9821

UniProt: [Q8TDY2](#)

Pathways: [Regulation of Cell Size, Autophagy](#)

Application Details

Application Notes: WB: 1:1000-1:6000, IP:1:500-1:1000, IHC: 1:20-1:200, IF: 1:10-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months