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Datasheet for ABIN7167418
anti-FIP200 antibody (AA 1544-1594) (Biotin)

Overview

Quantity:	100 µg
Target:	FIP200 (RB1CC1)
Binding Specificity:	AA 1544-1594
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FIP200 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human RB1-inducible coiled-coil protein 1 protein (1544-1594AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	FIP200 (RB1CC1)
Alternative Name:	RB1CC1 (RB1CC1 Products)
Background:	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.

Aliases: FAK family kinase-interacting protein of 200 kDa antibody, FIP200 antibody, RB1-inducible coiled-coil protein 1 antibody, RB1CC1 antibody, RBCC1_HUMAN antibody

UniProt: [Q8TDY2](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.