

anti- RB1CC1 antibody

Product Information

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|---------------|---|
| Catalog No.: | FNab07146 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

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) 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.

Immunogen information

| | |
|--------------|-----------------------------|
| Immunogen: | RB1-inducible coiled-coil 1 |
| Synonyms: | KIAA0203, RBICC |
| Observed MW: | 180-200 kDa |
| Uniprot ID : | Q8TDY2 |

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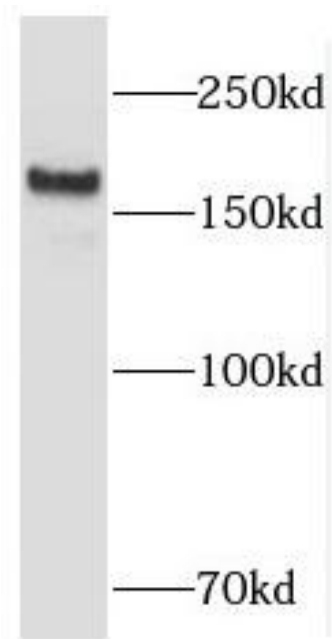
Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



HeLa cells were subjected to SDS PAGE followed by western blot with FNab07146(RB1CC1 antibody) at dilution of 1:1000

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