

Anti-FIP200 Antibody [A9A10]

HA601107



Product Type:	Mouse monoclonal IgG1, primary antibodies
Species reactivity:	Human, Mouse
Applications:	WB
Molecular Wt:	Predicted band size: 183 kDa
Clone number:	A9A10

Description: FIP200 (FAK family kinase-interacting protein of 200 kDa) was identified in a two-hybrid screen with the tyrosine kinase Pyk2 and can inhibit Pyk2 kinase activity as well as related family members. FIP200 was later independently identified in a multi-drug resistance screen and named RB1CC1 (RB1-inducible coiled-coil 1) due to its induction by cytotoxic stress and RB1 expression regulation. FIP200 function has been linked to apoptosis, cell cycle progression, cell growth, and migration. FIP200 has also recently been shown to interact with ULK1 and is required for autophagosome formation. FIP200 is part of an ULK1 complex along with Atg13 that is regulated by mTOR and is required for starvation induced autophagy.

Immunogen: Recombinant protein within Human RB1CC1 aa 651-800 / 1,594.

Positive control: Hela cell lysate, MG-63 cell lysate, MCF-7 cell lysate, 293T cell lysate, K562 cell lysate, A431 cell lysate, Jurkat cell lysate, HepG2 cell lysate, NIH/3T3 cell lysate.

Subcellular location: Nucleus, Cytoplasm, Cytoplasm, cytosol, Lysosome.

Database links: SwissProt: Q8TDY2 Human | Q9ESK9 Mouse

Recommended Dilutions:

WB 1:1,000

Storage Buffer: PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

Purity: Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

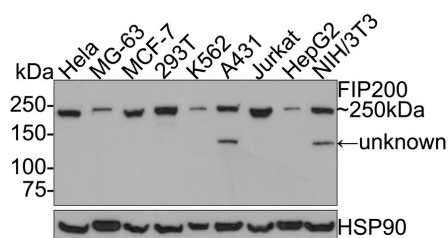
Technical:0086-571-89986345

Service mail:support@huabio.cn

 华安生物
HUABIO
www.huabio.cn

Images

Fig1: Western blot analysis of FIP200 on different lysates with Mouse anti-FIP200 antibody (HA601107) at 1/1,000 dilution.



Lane 1: HeLa cell lysate
 Lane 2: MG-63 cell lysate
 Lane 3: MCF-7 cell lysate
 Lane 4: 293T cell lysate
 Lane 5: K562 cell lysate
 Lane 6: A431 cell lysate
 Lane 7: Jurkat cell lysate
 Lane 8: HepG2 cell lysate
 Lane 9: NIH/3T3 cell lysate

Lysates/proteins at 30 µg/Lane.

Predicted band size: 183 kDa

Observed band size: 250/150 kDa

Exposure time: 2 minutes;

6% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (HA601107) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody (HA1006) at 1:100,000 dilution was used for 1 hour at room temperature.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Yeo SK et al. Role of FIP200 in inflammatory processes beyond its canonical autophagy function. *Biochem Soc Trans.* 2020 Aug
2. Wang L et al. FIP200 restricts RNA virus infection by facilitating RIG-I activation. *Commun Biol.* 2021 Jul

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

华安生物
 HUABIO
 www.huabio.cn