

Anti-clAP1 Antibody [PSH06-71]

HA722743



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|----------------------------|---|
| Product Type: | Recombinant Rabbit monoclonal IgG, primary antibodies |
| Species reactivity: | Human, Mouse, Rat |
| Applications: | WB |
| Molecular Wt: | Predicted band size: 70 kDa |
| Clone number: | PSH06-71 |

Description: Baculoviral IAP repeat-containing protein 2 (also known as clAP1) is a protein that in humans is encoded by the BIRC2 gene. clAP1 is a member of the Inhibitor of Apoptosis family that inhibit apoptosis by interfering with the activation of caspases.

Immunogen: Recombinant protein within human clAP1 aa 201-618.

Positive control: HT-29 cell lysate, TF-1 cell lysate, HepG2 cell lysate, HeLa cell lysate, THP-1 cell lysate, Jurkat cell lysate, A549 cell lysate, HEK-293 cell lysate, NIH/3T3 cell lysate, PC-12 cell lysate, Mouse testis tissue lysate, Mouse brain tissue lysate, Rat testis tissue lysate, Rat brain tissue lysate.

Subcellular location: Cytoplasm, Nucleus.

Database links: SwissProt: Q13490 Human | Q62210 Mouse
Entrez Gene: 60371 Rat

Recommended Dilutions:
WB 1:2,000

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: Protein A affinity purified.

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Orders:0086-571-88062880

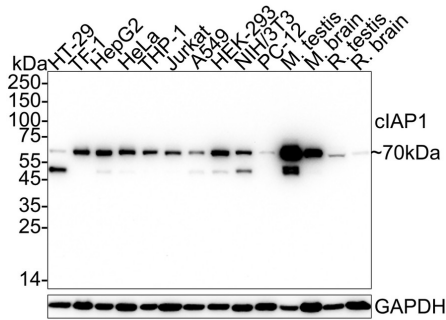
Technical:0086-571-89986345

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Images

Fig1: Western blot analysis of cIAP1 on different lysates with Rabbit anti-cIAP1 antibody (HA722743) at 1/2,000 dilution.



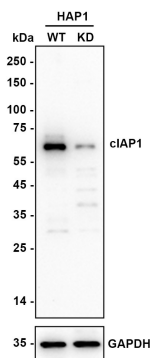
Lane 1: HT-29 cell lysate (20 µg/Lane)
 Lane 2: TF-1 cell lysate (20 µg/Lane)
 Lane 3: HepG2 cell lysate (20 µg/Lane)
 Lane 4: HeLa cell lysate (20 µg/Lane)
 Lane 5: THP-1 cell lysate (20 µg/Lane)
 Lane 6: Jurkat cell lysate (20 µg/Lane)
 Lane 7: A549 cell lysate (20 µg/Lane)
 Lane 8: HEK-293 cell lysate (20 µg/Lane)
 Lane 9: NIH/3T3 cell lysate (20 µg/Lane)
 Lane 10: PC-12 cell lysate (20 µg/Lane)
 Lane 11: Mouse testis tissue lysate (40 µg/Lane)
 Lane 12: Mouse brain tissue lysate (40 µg/Lane)
 Lane 13: Rat testis tissue lysate (40 µg/Lane)
 Lane 14: Rat brain tissue lysate (40 µg/Lane)

Predicted band size: 70 kDa
 Observed band size: 70 kDa

Exposure time: 2 minutes; ECL: K1801;
 4-20% 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 (HA722743) at 1/2,000 dilution was used in 5% NFDm/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1/50,000 dilution was used for 1 hour at room temperature.

Fig2: Western blot analysis of cIAP1 on different lysates with Rabbit anti-cIAP1 antibody (HA722743) at 1/2,000 dilution.



Lane 1: HAP1-parental cell lysate (10 µg/Lane)
 Lane 2: HAP1-cIAP1 KD cell lysate (10 µg/Lane)

Predicted band size: 70 kDa
 Observed band size: 70 kDa
 Exposure time: 78 seconds; ECL: K1801;
 4-20% 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 (HA722743) at 1/2,000 dilution was used in K1803 at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1/50,000 dilution was used for 1 hour at room temperature.

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

Background References

1. Zadoroznyj A et al. Cytoplasmic and Nuclear Functions of cIAP1. *Biomolecules*. 2022 Feb
2. Yang X et al. TRIM56 promotes malignant progression of glioblastoma by stabilizing cIAP1 protein. *J Exp Clin Cancer Res*. 2022 Dec

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