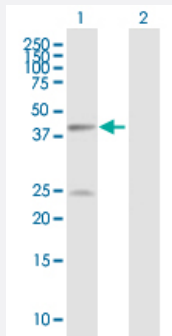


EV71 VP1 polyclonal antibody

Catalog # PAB7631-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of EV71-VP1 expression in transfected 293T cell line by EV71-VP1 MaxPab polyclonal antibody.

Lane 1: EV71-VP1 transfected lysate(33.44 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against EV71 VP1 protein.
Immunogen	EV71 VP1 (1 a.a. ~ 297 a.a) full-length human protein.
Host	Rabbit
Reactivity	Viruses
Form	Liquid
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of EV71-VP1 expression in transfected 293T cell line by EV71-VP1 MaxPab polyclonal antibody.

Lane 1: EV71-VP1 transfected lysate(33.44 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Detection Antibody

Publication Reference

- [Secreted LRPAP1 binds and triggers IFNAR1 degradation to facilitate virus evasion from cellular innate immunity.](#)

Huangcan Li, Xiong Wang, Yiran Wang, Yichen Li, Ying Chen, Yin-Ting Wong, Jufang He, Ming-Liang He.

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Application: IF, WB, Human, Mouse, HEK293T, Mouse intestine, RD cells

- [Featured interactome of homocysteine-inducible endoplasmic reticulum protein uncovers novel binding partners in response to ER stress.](#)

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Computational and Structural Biotechnology Journal 2023 Sep; 21:4478.

Application: WB, Human, HeLa cells

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Application: WB-Ce, WB-Tr, Human, RD cells

- [Curcumin assists anti-EV71 activity of IFN- \$\alpha\$ by inhibiting IFNAR1 reduction in SH-SY5Y cells.](#)

Yanfang Wang, Kena Dan, Xiaoling Xue, Bangtao Chen, Cheng Chen.

Gut Pathogens 2022 Feb; 14(1):8.

Application: WB-Ce, Human, SH-SY5Y cells

- [Role of IL-6-IL-27 Complex in Host Antiviral Immune Response.](#)

Qi Zuo, Zhikui Cheng, Guoqing Zhang, Yongfang Xia, Gang Xu, Wei Cao, Xiaodan Yang, Yundong Fu, Rui He, Peining Fang, Yifei Guo, Longyu Nie, Yu Huang, Lin Liu, Jianbo Zhan, Shi Liu, Ying Zhu.

Journal of immunology 2021 Jun; ji2100179.

Application: WB-Tr, Human, RD cells

- [Inducible ATP1B1 Upregulates Antiviral Innate Immune Responses by the Ubiquitination of TRAF3 and TRAF6.](#)

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Application: WB-Tr, Human, RD cells

- [MiR-103/miR-107 inhibits enterovirus 71 replication and facilitates type I interferon response by regulating SOCS3/STAT3 pathway.](#)

Baizhi Huang, Haiping Chen, Yanbing Zheng.

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Application: WB-Tr, Human, Monkey, VERO, RD cells

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Application: WB, Human, RD, U251 cells

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Application: WB-Tr, Monkey, Vero cells

- [Hypoxia and therapeutic treatment of EV-A71 with an immune modulator TLR7 agonist in a new immunocompetent mouse model.](#)

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Journal of Biomedical Science 2019 Nov; 26(1):93.

Application: IHC-P, Mouse, Spleens

- [Cellular Caspase-3 Contributes to EV-A71 2Apro-Mediated Down-Regulation of IFNAR1 at the Translation Level.](#)

Chen B, Wang Y, Pei X, Wang S, Zhang H, Peng Y.

Virologica Sinica 2019 Sep; [Epub].

Application: WB-Ce, Human, RD cells

- [Inducible LGALS3BP/90K activates antiviral innate immune responses by targeting TRAF6 and TRAF3 complex.](#)

Xu G, Xia Z, Deng F, Liu L, Wang Q, Yu Y, Wang F, Zhu C, Liu W, Cheng Z, Zhu Y, Zhou L, Zhang Y, Lu M, Liu S.

PLoS Pathogens 2019 Aug; 15(8):e1008002.

Application: WB, Human, Mouse, MEFs, RD cells

- [Enterovirus 71 targets the cardiopulmonary system in a robust oral infection mouse model.](#)

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Scientific Reports 2019 Jul; 9(1):11108.

Application: IHC-P, Mouse, Hearts, Kidneys, Livers, Lungs, Muscles

- [NAC1 Potentiates Cellular Antiviral Signaling by Bridging MAVS and TBK1.](#)

Xia Z, Xu G, Nie L, Liu L, Peng N, He Q, Zuo Q, Zhou Y, Cao Z, Liu S, Zhu Y.

Journal of immunology 2019 Aug; 203(4):1001.

Application: WB-Tr, Human, RD cells

- [Viral engagement with host \(co-\)receptors blocked by a novel class of tryptophan dendrimers that targets the 5-fold-axis of the enterovirus-A71 capsid.](#)

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Application: WB-Tr, Human, HEK 293 cells

- [Polypyrimidine Tract-Binding Protein Regulates Enterovirus 71 Translation Through Interaction with the Internal Ribosomal Entry Site.](#)

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Virologica Sinica 2019 Feb; 34(1):66.

Application: WB, Human, T98G cells

- [Fibronectin facilitates EV71 infection by mediating its entry.](#)

He QQ, Ren S, Xia ZC, Cheng ZK, Peng NF, Zhu Y.

Journal of Virology 2018 Apr; 92(9):e02251.

Application: IHC, WB-Ce, Mouse, Human, Mouse brainstem, skeletal muscle, RD, HEK293 cells

- [HERP Binds TBK1 To Activate Innate Immunity and Repress Virus Replication in Response to Endoplasmic Reticulum Stress.](#)

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Application: WB-Tr, Human, HEK 293T cells, Human rhabdomyosarcoma (RD) cells

- [Berberine inhibits enterovirus 71 replication by downregulating the MEK/ERK signaling pathway and autophagy.](#)

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Application: WB, Monkey, Vero cells

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Application: IHC, Mouse, Brain, Spinal cord

- [Early growth response-1 facilitates enterovirus 71 replication by direct binding to the viral genome RNA.](#)

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Application: WB-Tr, Human, RD, SK-N-SH cells

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Application: WB-Tr, Human, RD cells

- [Human enterovirus 71 uncoating captured at atomic resolution.](#)

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Application: WB-Ce, Virus, EV71 strain AH08/06

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Application: WB-Ce, Human, RD cells

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Application: WB, Viruses, Viral structure protein

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Application: WB-Tr, Human, Rhabdomyosarcoma cells