

Anti-ARMET/ARP antibody ab67271

[25 References](#) [5 图像](#)

概述

产品名称	Anti-ARMET/ARP抗体
描述	兔多克隆抗体to ARMET/ARP
宿主	Rabbit
特异性	ab67271 does not crossreact with CDNF.
经测试应用	适用于: ICC/IF, IHC-P, WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to Human ARMET/ARP (C terminal). The immunogen is located within the last 50 amino acids. 12 amino acid synthetic peptide. Database link: P55145
阳性对照	WB: HEK-293, A431, A549, CaCo-2, Daudi, HeLa, Jurkat, SK-N-SH, THP-1, NIH/3T3, and YB2/0 cell lysates. IHC-P: Human brain tissue.
常规说明	Please see ab253243 as alternative product for testing human samples in WB and ICC/IF. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab67271 于以下的经测试应用

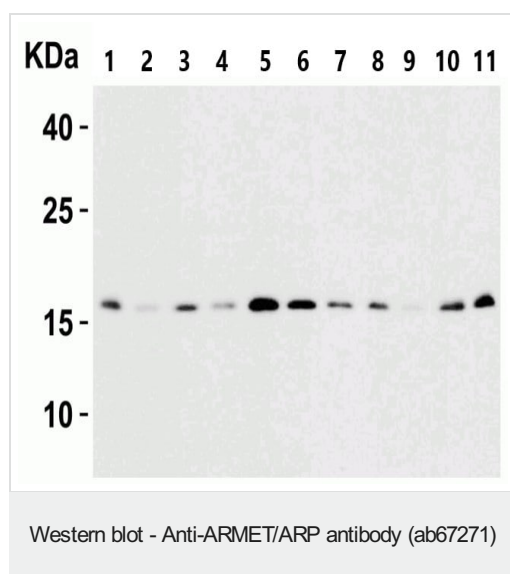
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 20 µg/ml. Not validated in mouse and rat samples
IHC-P		Use a concentration of 2.5 µg/ml. Not validated in mouse and rat samples
WB		Use a concentration of 0.125 - 2 µg/ml. Detects a band of approximately 17 kDa (predicted molecular weight: 21 kDa). Blocking conditions: 5% non-fat milk in TBS at 4 overnight.

靶标

功能	Selectively promotes the survival of dopaminergic neurons of the ventral mid-brain. Modulates GABAergic transmission to the dopaminergic neurons of the substantia nigra. Enhances spontaneous, as well as evoked, GABAergic inhibitory postsynaptic currents in dopaminergic neurons (By similarity). Inhibits cell proliferation and endoplasmic reticulum (ER) stress-induced cell death.
序列相似性	Belongs to the ARMET family.
结构域	The N-terminal region may be responsible for neurotrophic activity while the C-terminal region may play a role in the ER stress response.
翻译后修饰	May contain sialic acid residues.
细胞定位	Secreted.

图片



All lanes : Anti-ARMET/ARP antibody (ab67271) at 2 µg/ml

Lane 1 : HEK-293 (human epithelial cell line from embryonic kidney) cell lysate

Lane 2 : A431 (human epidermoid carcinoma cell line) cell lysate

Lane 3 : A549 (human lung carcinoma cell line) cell lysate

Lane 4 : CaCo-2 (human colorectal adenocarcinoma cell line) cell lysate

Lane 5 : Daudi (human Burkitt's lymphoma cell line) cell lysate

Lane 6 : HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

Lane 7 : Jurkat (human T cell leukemia cell line from peripheral blood) cell lysate

Lane 8 : SK-N-SH (human neuroblastoma cell line) cell lysate
Lane 9 : THP-1 (human monocytic leukemia cell line) cell lysate
Lane 10 : NIH/3T3 (mouse embryo fibroblast cell line) cell lysate
Lane 11 : YB2/0 (rat B cell lymphoblast cell line) cell lysate

Lysates/proteins at 15 µg per lane.

Secondary

All lanes : Goat anti-rabbit IgG (HRP) at 1/10000 dilution

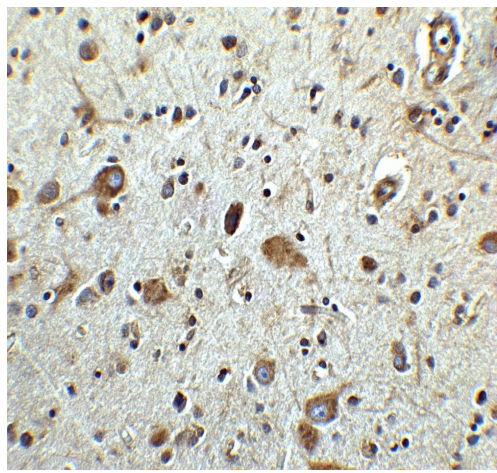
Predicted band size: 21 kDa

Observed band size: 17 kDa

Blocking conditions: 5% non-fat milk in TBS at 4 overnight.

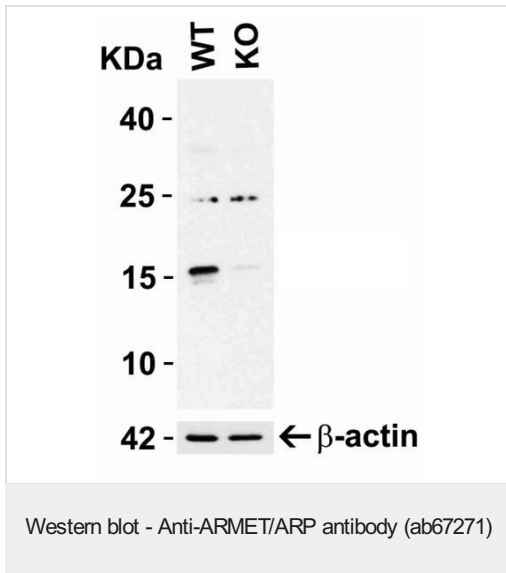
Primary antibody: Room temperature for 1 hour

Diluting buffer: 5% NFD/MTBST.



ab67271 at 2.5 µg/ml staining of ARMET/ARP in human brain tissue using IHC-P. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ARMET/ARP antibody (ab67271)



All lanes : Anti-ARMET/ARP antibody (ab67271) at 1 µg/ml

Lane 1 : Wild-type HEK293T cell lysate

Lane 2 : ARMET/ARP knock-out HEK293T cell lysate

Lysates/proteins at 10 µg per lane.

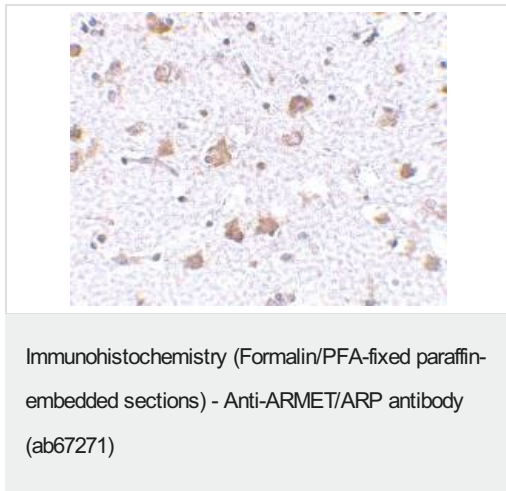
Secondary

All lanes : Goat Anti-Rabbit IgG (HRP) at 1/10000 dilution

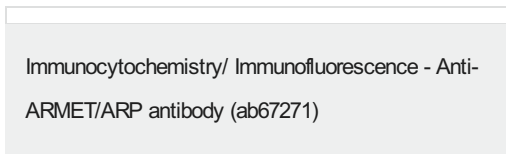
Predicted band size: 21 kDa

Observed band size: 17 kDa

Diluting buffer: 5% NFD/MTBST.



ab67271 at 2.5 µg/ml staining of ARMET/ARP in human brain tissue using IHC-P. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Immunofluorescent analysis of 4% paraformaldehydefixed human brain cells labeling ARMET/ARP in Human Brain cells using ab67271 at 20 µg/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).

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