

Anti-Viral Protein U antibody ab81532

2 References

概述

产品名称	Anti-Viral蛋白U抗体
描述	兔多克隆抗体to Viral蛋白U
宿主	Rabbit
经测试应用	适用于: ELISA, WB, ICC/IF, IP
种属反应性	与反应: Human immunodeficiency virus
免疫原	Synthetic peptide corresponding to Human immunodeficiency virus Viral Protein U aa 50-150 conjugated to keyhole limpet haemocyanin. Database link: Q6L8A2

 [Run BLAST with](#)

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常规说明

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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium azide Proprietary antibody stabilization buffer.
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab81532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
ELISA		1/50000.
WB		1/1000. Positive for Cells transfected with Vpu
ICC/IF		1/250.
IP		1/250.

靶标

相关性 Retroviruses have several characteristic structural and catalytic proteins. One such auxiliary protein is a viral protein U (Vpu) which enhances virion release from human cells and is also involved in the degradation of CD4, the cellular surface receptor of HIV-1. The Vpu has no homolog in less pathogenic HIV-2 virus. Vpu is an 81 amino acid class I membrane integral protein that is unique to human and simian immunodeficiency virus isolated from Chimpanzee and a few other monkey species. The 16kDa protein Vpu protein consists of an N-terminal hydrophobic membrane anchor of 27 amino acids and a charged C-terminal hydrophilic domain of 54 amino acids that extends to the cytoplasm. The cytoplasmic domain has a conserved dual serine phosphorylation site (S52 GXX and S56 motif) that is phosphorylated by casein kinase II. Vpu is involved in viral replication and degradation of its cellular receptor CD4 and enhancement of viral particle release from macrophages and primary lymphocytes.

细胞定位 Membrane; Single-pass type I membrane protein.

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