

Anti-Viral Protein U antibody ab81532

2 References

製品の概要

製品名	Anti-Viral Protein U antibody
製品の詳細	Rabbit polyclonal to Viral Protein U
由来種	Rabbit
アプリケーション	適用あり: ELISA, WB, ICC/IF, IP
種交差性	交差種: 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

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特記事項

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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium azide Proprietary antibody stabilization buffer.
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab81532の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
ELISA		1/50000.
WB		1/1000. Positive for Cells transfected with Vpu
ICC/IF		1/250.
IP		1/250.

ターゲット情報

関連性	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.
細胞内局在	Membrane; Single-pass type I membrane protein.

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