

Nur für Forschungszwecke

VPRBP Polyklonaler Antikörper

Katalog-Nr.:CL555-11612

Vorgestelltes Produkt



Allgemeine Informationen

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|---|---|--|
| Katalog-Nr.: CL555-11612 | GenBank-Zugangsnummer: BC022792 | Reinigungsmethode: Antigen-Affinitätsreinigung |
| Größe: 100ul , Konzentration: 1000 µg/ml von9730 Nanodrop; | GeneID (NCBI): Vollständiger Name: Vpr (HIV-1) binding protein | Empfohlene Verdünnungen: IF 1:50-1:500 |
| Wirt: Kaninchen | Berechnete Masse: 1506 aa, 169 kDa | Anregungs-/Emissionsmaxima- Wellenlängen: 557 nm / 570nm |
| Isotyp: IgG | Beobachtete Masse: 169 kDa | |
| Immunogen Katalognummer: AG2184 | | |

Anwendungen

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| Geprüfte Anwendungen: FC (Intra), IF | Positivkontrollen: IF : HeLa-Zellen, |
| Getestete Reaktivität: Human, Maus, Ratte | |

Hintergrundinformationen

VprBP was first identified as a protein that can interact with HIV-1 viral protein R (PMID: 11223251). It is a component of the CUL4A-RBX1-DDB1-VprBP/DCAF1 E3 ubiquitin-protein ligase complex that could interact with HIV-1 virus Vpr protein and HIV-2 virus Vpx protein (PMID: 18332868; 17314515; 18606781). VprBP is a 1,507-amino acid protein that contains conserved domains, including YXXY repeats, the Lis homology motif, and WD40 repeats. Through binding to Vpr, VprBP allows Vpr to modulate the catalytic activity of the CUL4-DDB1 complex, which in turn leads to the induction of G2 phase arrest in the virus-infected cells (PMID: 17630831). Recently it has been reported that VprBP is able to regulate the p53-induced transcription and apoptotic pathway (PMID: 22184063).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

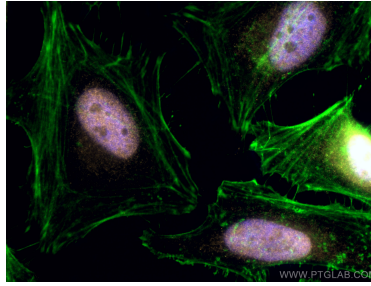
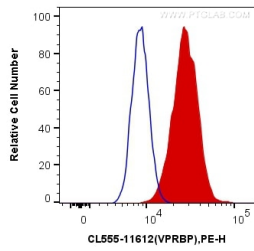
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



1×10^6 HeLa cells were intracellularly stained with 0.4 μg CoraLite@555 Anti-Human VPRBP (CL555-11612) (red), or 0.4 μg Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).

Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite@555 VPRBP antibody (CL555-11612) at dilution of 1:100, CL488-Phalloidin (green).