

Nur für Forschungszwecke

VPRBP Polyklonaler Antikörper

Katalog-Nr.:CL647-11612

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL647-11612	GenBank-Zugangsnummer: BC022792	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von9730	GeneID (NCBI): 9730	Anregungs-/Emissionsmaxima-Wellenlängen: 654 nm / 674 nm
Nanodrop;	Vollständiger Name: Vpr (HIV-1) binding protein	
Wirt: Kaninchen	Berechnete Masse: 1506 aa, 169 kDa	
Isotyp: IgG	Beobachtete Masse: 169 kDa	
Immunogen Katalognummer: AG2184		

Anwendungen

Geprüfte Anwendungen:
FC (Intra)

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. Nach dem Versand ein Jahr stabil.

Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

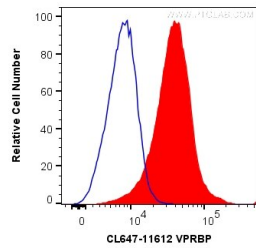
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human VPRBP (CL647-11612) (red), or 0.2 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).