

Nur für Forschungszwecke

VASP Polyklonaler Antikörper

Katalog-Nr.:CL555-13472

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL555-13472	GenBank-Zugangsnummer: BC038224	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 7408	Empfohlene Verdünnungen: IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: vasodilator-stimulated phosphoprotein	FC
Isotyp: IgG	Berechnete Masse: 380 aa, 40 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 557 nm / 570nm
Immunogen Katalognummer: AG4266	Beobachtete Masse: 46 kDa, 50 kDa	

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HepG2-Zellen, FC : HepG2-Zellen,
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

VASP belongs to the Ena/VASP family. Ena/VASP proteins are actin-associated proteins involved in a range of processes dependent on cytoskeleton remodeling and cell polarity such as axon guidance, lamellipodial and filopodial dynamics, platelet activation and cell migration. VASP promotes actin filament elongation. It protects the barbed end of growing actin filaments against capping and increases the rate of actin polymerization in the presence of capping protein. VASP stimulates actin filament elongation by promoting the transfer of profilin-bound actin monomers onto the barbed end of growing actin filaments. VASP plays a role in actin-based mobility of *Listeria monocytogenes* in host cells. Regulates actin dynamics in platelets and plays an important role in regulating platelet aggregation. Human platelet activation is inhibited by agents such as prostaglandins and NO donors, which elevate cAMP or cGMP levels. VASP is phosphorylated in human platelets in response to both cAMP- and cGMP-elevating agents, and its phosphorylation correlates with platelet inhibition. VASP is located about 92 kb distal to ERCC1 (126380) and about 300 kb proximal to the myotonic dystrophy protein kinase gene. The antibody is specific to VASP.

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

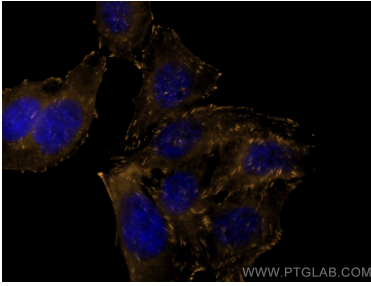
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

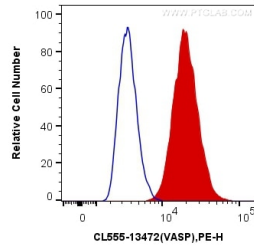
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®555 VASP antibody (CL555-13472) at dilution of 1:200.



1×10^6 HepG2 cells were intracellularly stained with 0.4 μ g CoraLite®555 Anti-Human VASP (CL555-13472) (red), or 0.4 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).