

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-VASP



Numéro de catalogue: **CL555-13472** **Phare**

Informations de base

Numéro de catalogue: CL555-13472	Numéro d'acquisition GenBank: BC038224	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 7408	Dilutions recommandées: IF 1:50-1:500 FC
Hôte: Lapin	Nom complet: vasodilator-stimulated phosphoprotein	Excitation/Emission maxima wavelengths: 557 nm / 570nm
Isotype: IgG	MW calculé 380 aa, 40 kDa	
Immunogen Catalog Number: AG4266	MW observés: 46 kDa, 50 kDa	

Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules HepG2, FC : cellules HepG2,
Spécificité de l'espèce: Humain, rat, souris	

Informations générales

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.

Stockage

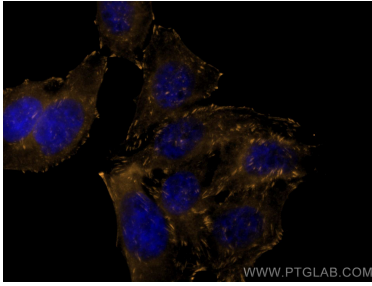
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

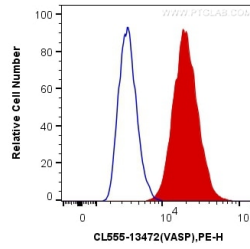
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



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).