

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PLA2R1



Numéro de catalogue: 25695-1-AP

Informations de base

Numéro de catalogue:

25695-1-AP

Taille:

150ul, Concentration: 213 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG22448

Numéro d'acquisition GenBank:

BC140823

Identification du gène (NCBI):

22925

Nom complet:

phospholipase A2 receptor 1, 180kDa

MW calculé

1463 aa, 169 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Applications

Applications testées:

ELISA

Spécificité de l'espèce:

Humain

Informations générales

Secretory phospholipase A2 (sPLA2) are implicated in a number of crucial physiological and pathological processes in mammals. Different types of membrane receptors for sPLA2s have been identified. The M-type receptor, PLA2R1 (phospholipase A2 receptor 1, 180 kDa), is a type I transmembrane glycoprotein containing extracellularly a cysteine-rich domain, a fibronectin type II domain and eight carbohydrate-recognition domains. It is a receptor for phospholipase sPLA2-IB/PLA2G1B but not sPLA2-IIA/PLA2G2A. It is also able to bind to snake PA2-like toxins. PLA2R1 may be involved in responses in proinflammatory cytokine productions during endotoxic shock. It also has endocytic properties and rapidly internalizes sPLA2 ligands, which is particularly important for the clearance of extracellular sPLA2s to protect their potent enzymatic activities. It has been recently shown that PLA2R1 is the major target antigen in idiopathic membranous nephropathy (IMN). Patients with IMN have antibodies against a conformation-dependent epitope in PLA2R1.

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquote 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:

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