

À des fins de recherche uniquement

Anticorps Monoclonal anti-Renin receptor, ATP6AP2



Numéro de catalogue: 60017-1-Ig

Informations de base

Numéro de catalogue: 60017-1-Ig	Numéro d'acquisition GenBank: BC010395	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 10159	CloneNo.: 5H2E8
Hôte: Mouse	Nom complet: ATPase, H ⁺ transporting, lysosomal accessory protein 2	
Isotype: IgG1	MW calculé 39 kDa	
Immunogen Catalog Number: AG1360		

Applications

Applications testées:
ELISA

Spécificité de l'espèce:
Humain

Informations générales

ATP6AP2, also named as ATP6IP2, CAPER, ELDF10, N14F, ATP6M8-9, Renin receptor and prorenin receptor, is believed to potentiate the renin-angiotensin system (RAS), conferring to prorenin, a likely pathological role at tissue level. The PRR has been identified in the microvascular endothelial cells of the retina, in which it seems to be involved in pathological neovascularization processes. The present study demonstrates for the first time that the PRR is expressed in human ATP6AP2 and suggests a molecular mechanism by which hypertension may exacerbate the pathology of dry AMD. ATP6AP2 functions as a renin and prorenin cellular receptor. It may mediate renin-dependent cellular responses by activating ERK1 and ERK2. By increasing the catalytic efficiency of renin in AGT/angiotensinogen conversion to angiotensin I, it may also play a role in the renin-angiotensin system (RAS). Defects in ATP6AP2 are a cause of mental retardation X-linked with epilepsy (MRXE). (PMID:19580809)

Stockage

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

Tampon de stockage:
PBS avec azoture de sodium à 0,1 % et glycérol à 50 % 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:

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