anti- Renin receptor,ATP6AP2 antibody

Product Information

Catalog No.:	FNab07241
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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.

Immunogen information

Immunogen:	ATPase, H+ transporting, lysosomal accessory protein 2
Synonyms:	APT6M8 9, ATP6AP2, ATP6IP2, ATP6M8 9, CAPER, ELDF10, HT028, M8 9, MRXE, MSTP009, N14F, PRR, PSEC0072, Renin receptor, RENIN RECEPTOR,ATP6AP2, Renin/prorenin receptor, V ATPase M8.9 subunit, XMRE
Observed MW:	47kd
Uniprot ID :	O75787

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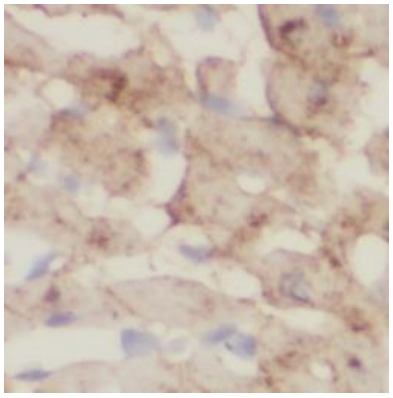
Application

Reactivity: Human, Mouse, Rat

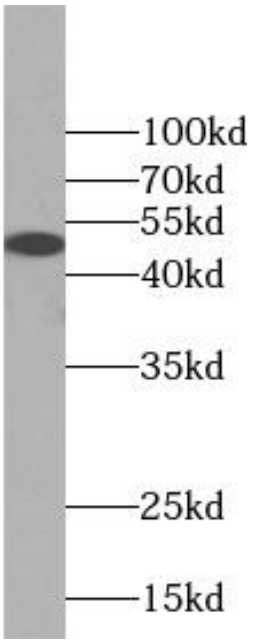
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human heart tissue slide using FNab07241(ATP6AP2 Antibody) at dilution of 1:50



mouse eye tissue were subjected to SDS PAGE followed by western blot with FNab07241(ATP6AP2 antibody) at dilution of 1:600

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