

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°C 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:	Renin receptor ATPase H(+)-transporting lysosomal accessory protein 2 ATPase H(+)-transporting lysosomal-interacting protein 2 ER-localized type I transmembrane adapter Embryonic liver differentiation factor 10 N14F Renin/prorenin receptor Vacuolar ATP synthase membrane sector-associated protein M8-9 (ATP6M8-9, V-ATPase M8.9 subunit) Renin receptor N-terminal fragment Renin receptor C-terminal fragment ATP6AP2 ATP6IP2 CAPER ELDF10
Observed MW:	47 kDa
Uniprot ID :	O75787

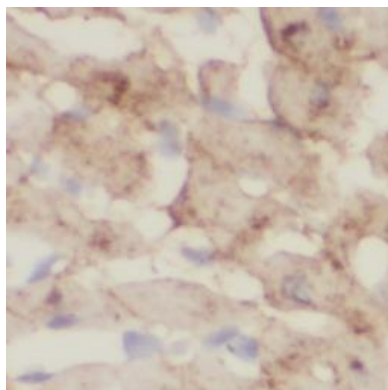
Application

Reactivity: Human, Mouse, Rat

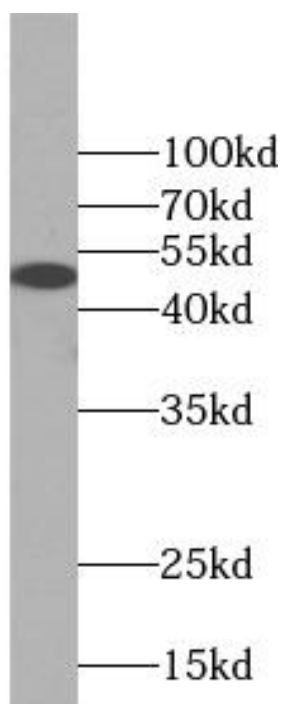
Tested Application: ELISA, WB, IHC

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