AGT antibody

Product Information

Catalog No.:	FNab00393
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

Angiotensinogen is a precursor of angiotensin II(Ang II), is expressed and synthesized largely in the liver and is cleaved by the enzyme renin in response to lowered blood pressure. It has a key role in mediating vascular constriction and regulating salt and fluid homeostasis. The resulting product, angiotensin I, is then cleaved by angiotensin converting enzyme(ACE) to generate the physiologically active enzyme angiotensin II. Mutations in this gene are associated with susceptibility to essential hypertension, and can cause renal tubular dysgenesis, a severe disorder of renal tubular development. Defects in this gene have also been associated with non-familial structural atrial fibrillation, and inflammatory bowel disease.

Immunogen information

Immunogen:	angiotensinogen(serpin peptidase inhibitor, clade A, member 8)
Synonyms:	Angiotensinogen|Serpin A8|Angiotensin-1 Alternative names: Angiotensin 1-10|Angiotensin I (Ang I)|Angiotensin-2 Alternative names: Angiotensin 1-8|Angiotensin II (Ang II)|Angiotensin-3 Alternative names: Angiotensin 2-8|Angiotensin III (Ang III)|Des-Asp[1]-angiotensin II|Angiotensin-4 Alternative names: Angiotensin 3-8|Angiotensin IV (Ang IV)|Angiotensin 1-9|Angiotensin 1-7|Angiotensin 1-5|Angiotensin 1-4|AGT|SERPINA8
Observed MW:	53 kDa
Uniprot ID :	P01019

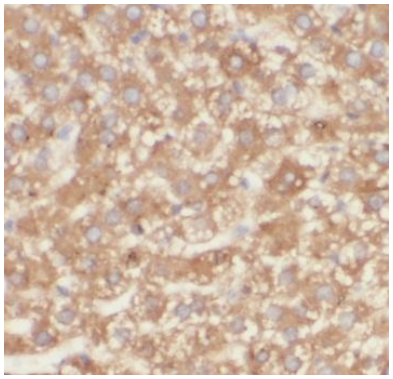
Application

Reactivity: Human, Mouse

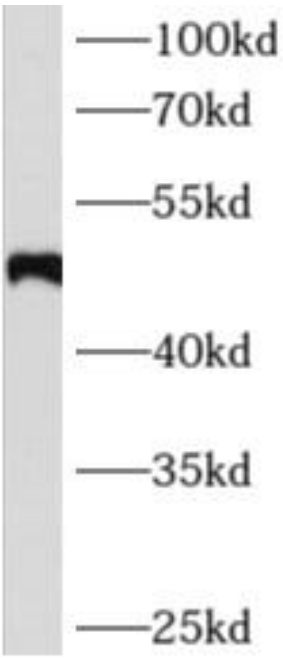
Tested Application: ELISA, WB, IHC, FC

Recommended dilution: WB: 1:200-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human liver slide using FNab00393(AGT Antibody) at dilution of 1:50



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab00393(AGT antibody) at dilution of 1:600