

For Research Use Only

Angiotensinogen/AGT Recombinant antibody

Catalog Number: 86134-1-RR



Basic Information

Catalog Number: 86134-1-RR	GenBank Accession Number: N/A	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 11606	CloneNo.: 250570F8
Source: Rabbit	UNIPROT ID: P11859	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: angiotensinogen (serpin peptidase inhibitor, clade A, member 8)	
Immunogen Catalog Number: EG2763	Calculated MW: 52 kDa	
	Observed MW: 52-55 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: mouse, rat	WB : mouse heart tissue, rat liver tissue, mouse brain tissue, mouse lung tissue, mouse kidney tissue

Background Information

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.

Storage

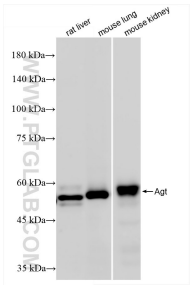
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

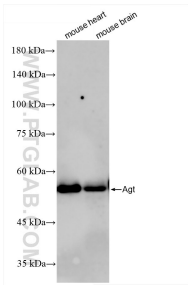
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86134-1-RR (Agt antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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